



**P121 / P121LC / P121RC / P131  
Zero Clearance Direct Vent Gas Fireplace**

**Owners &  
Installation Manual**



STYLE	MODEL	
See Thru	P121-NG1 Natural Gas	P121-LP1 Propane
Left Corner	P121LC-NG1 Natural Gas	P121LC-LP1 Propane
Right Corner	P121RC-NG1 Natural Gas	P121RC-LP1 Propane
Pier	P131-NG1 Natural Gas	P131-LP1 Propane

**WARNING:**  
If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

**FOR YOUR SAFETY**  
Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

**FOR YOUR SAFETY**  
What to do if you smell gas:

- Do not try to light any appliance
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.



**Installer:** Please complete the details on the back cover and leave this manual with the homeowner.  
**Homeowner:** Please keep these instructions for future reference.

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**To the New Owner:**

**Congratulations!**

You are the owner of a state-of-the-art Gas Fireplace by REGENCY. The P121/P121LC/P121RC/P131 is a hand crafted appliance and has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model P121/P121LC/P121RC/P131 has been approved by Warnock Hersey for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Regency Fireplace.

**IMPORTANT:** If the unit is to be installed into a bathroom, optional Neo ceramic glass Part# 360-946 Front or Part# 360-948 Side must be purchased and installed in place of the tempered glass supplied with the unit.

**MANUFACTURED MOBILE HOME REQUIREMENTS  
INFORMATION FOR MOBILE/MANUFACTURED HOMES AFTER FIRST SALE**

This Regency product has been tested and listed by Warnock Hersey as a Direct Vent Wall Furnace to the following standards: VENTED GAS FIREPLACE HEATERS ANSI Z21.88a-2000/CSA 2.33a-2000 and GAS-FIRED APPLIANCES FOR USE AT HIGH ALTITUDES CAN/CGA 2.17-M91.

This Direct Vent System Appliance must be installed in accordance with the manufacturer's installation instructions and the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard of Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, and with CAN/CSA Z240-MH Mobile Home Standard in Canada.

This appliance installation must comply with the manufacturer's installation instructions and local codes, if any. In the absence of local codes follow the current National Fuel Gas Code, ANSI Z223.1 and the current National Electrical Code ANSI/NFPA 70 in the U.S.A., and the current CAN/CGA B149 Gas Installation Code and the current Canadian Electrical Code CSA C22.1 in Canada.

This Regency mobile/manufactured home listed appliance comes factory equipped with four 1/4" diameter holes located near each corner of the base. Fasten the fireplace in place using screw, inserted through the holes.

This appliance comes equipped with a dedicated #8 Ground Lug for attachment of the ground wire to the steel chassis as applicable to local codes. See page 28.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.

This appliance may only be installed in an aftermarket permanently located, manufactured (U.S.A only) or mobile home, where not prohibited by local codes.

This appliance can only be used with the type of gas indicated on the rating plate. This appliance is not convertible for use with other cases, unless a certified kit is used.

Ensure that structural members are not cut or weakened during installation.



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# SAFETY LABEL

This is a copy of the label that accompanies each P121-1/P121LC-1/P121RC-1/P131-1 Zero Clearance Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review. The safety label is located on the front inside base of the unit, visible when the bottom louver is open.

NOTE: Regency units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

## Copy of Safety Decal for P121/P121LC/P121RC/P131

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.


For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.

**Warnock Hersey**  
**CFI® US**

**Listed:** VENTED GAS FIREPLACE HEATER  
**Certified for/Certifiée pour:** CANADA and U.S.A.  
**Tested to:** Gas-Fired Appliances For Use At High Altitudes CAN/CGA-2.17-M91  
Vented Gas Fireplace Heaters ANSI Z21.88a-2000/CSA 2.33a-2000  
**Report No.** 476-3022101 (March 2002)

**DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE**

Serial No./ No de serie  
**243**



**NATURAL GAS:**

Minimum supply pressure	5" WC	(1.25 kPa)
Manifold pressure high	3.8" WC	(0.95 kPa)
Manifold pressure low	1.1" WC	(0.27 kPa)
Orifice size	# 31	DMS
Minimum input	20,500	Btu/h (6.01 kW)
Maximum input	40,000	Btu/h (11.72 kW)
Altitude	0-4500	ft/pi (0-1372 m)

**PROPANE:**

Minimum supply pressure	12" WC	(3.00 kPa)
Manifold pressure high	11" WC	(2.74 kPa)
Manifold pressure low	2.9" WC	(0.72 kPa)
Orifice size	# 50	DMS
Minimum input	20,600	Btu/h (6.04 kW)
Maximum input	39,000	Btu/h (11.43 kW)
Altitude	0-4500	ft/pi (0-1372 m)

**Model/Modèle: P121-NG1, P131-NG1, APPAREIL FONCTIONNANT AU NATUREL GAZ CONCU POUR ETRE POELE:**

Pression d'alimentation minimum  
Pression à la tubulure d'échappement élevée  
Pression à la tubulure d'échappement basse  
Grandeur de l'injecteur  
Débit Calorifique minimum selon l'altitude  
Débit Calorifique maximum selon l'altitude

**Model/Modèle: P121-LP1, P131-LP1, APPAREIL FONCTIONNANT AU GAZ PROPANE CONCU POUR ETRE POELE:**

Pression d'alimentation minimum  
Pression à la tubulure d'échappement élevée  
Pression à la tubulure d'échappement basse  
Grandeur de l'injecteur  
Débit Calorifique minimum selon l'altitude  
Débit Calorifique maximum selon l'altitude

**VENTING:** Use listed Simpson Dura-Vent GS System or Regency Direct Vent System. Only for direct discharge without duct connection. This appliance must be installed in accordance with the manufacturer's installation instructions and with local codes, if any; if not, follow the current ANSI Z223.1 in the USA or the current CAN 1-B149 in Canada. For Manufactured Home Installation: This Direct Vent System Appliance must be installed in accordance with the manufacturer's installation instructions and Manufactured Home Construction and Safety Standard Title 24 CFR, Part 3280, or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI /NFPA 501A, and with CAN/CSA Z240 MH Mobile Home Standard in Canada. This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details. This appliance is not convertible for use with other gases, unless a certified kit is used.  
**NOT FOR USE WITH SOLID FUEL.**  
**This vented gas fireplace is not for use with air filters.**  
**MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE.**

**Minimum Clearances to Combustibles / Degagement Minimum De Materiaux Combustibles**

**0" Clearance to combustibles from:** Top, bottom, sides & rear of unit

<b>Mantel Height from Base of Unit:</b> Min. 39" (991mm)	<b>Minimum Vent Clearances:</b>
<b>Side Wall Clearance from Side Facing 0" (0mm)</b>	Horizontal Top 2-1/2" (64mm)
(See Instruction Manual for Detailed Instructions)	Horizontal Side 1-1/2" (38mm)
	Horizontal Bottom 1-1/2" (38mm)

**Model:** P121-NG1

**Modèle:** P121-NG1

○ P121LC-NG1 ○ P121RC-NG1 ○ P121-LP1 ○ P121-LP1

○ P131-NG1 ○ P131-LP1 ○ P121RC-LP1 ○ P121RC-LP1

Made in Canada/ Fabrique au Canada  
**Fireplace Products International Ltd.**  
Delta, BC, Canada  
918-110a  
rev. 12/02

## IMPORTANT: SAVE THESE INSTRUCTIONS

The Panorama P121/P121LC/P121RC/P131-NG1 or P121/P121LC/P121RC/P131-LP1 Direct Vent Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturer's instructions and all applicable codes.

## BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

**INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.**

**DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.**

**WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS HOUSE FIRE.**

**CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.**

**CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE FIREPLACE GLASS, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.**

**YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.**

## GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.
- 2) See general construction and assembly instructions. The appliance and vent should be enclosed.
- 3) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is fitted as per Venting instructions.
- 4) Inspect the venting system annually for blockage and any signs of deterioration.
- 5) Venting terminals shall not be recessed into a wall or siding.
- 6) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 7) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 8) Wear gloves and safety glasses for protection while doing required maintenance.
- 9) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.
- 10) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.
- 11) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.
- 12) Do not slam shut or strike the glass door.
- 13) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.
- 14) The appliance area must be kept clear and

free of combustible materials, (gases and other flammable vapours and liquids).

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## INSTALLATION CHECKLIST

**Note: These units are non-load bearing.**

- 1) Locate appliance
  - a) Room location, page 8.
  - b) Clearances to Combustibles, page 9.
  - c) Mantle Clearances, page 9.
  - d) Framing & Finishing Requirements, page 10.
  - e) Venting Requirements, pages 11-19.
- 2) Assemble Top Standoffs, page (NOTE: page 11 must be done before installing unit into fireplace.)
- 3) Install vent, pages 19-21.
- 4) Make gas connections. Test the pilot. Must be as per diagram. Page 22.
- 5) Install log set where indicated on page 24-25.
- 6) Glass Door Removal (page 26), Louvers or Grills (page 26), and Finishing Trim (page 26).
- 7) Install optional Wall Switch, Remote Control, or Wall Thermostat, page 27.
- 8) Final check.

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly and operation fully explained to customer.

This includes:

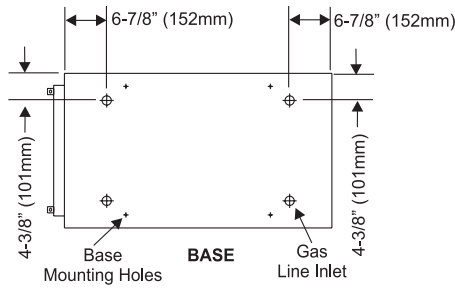
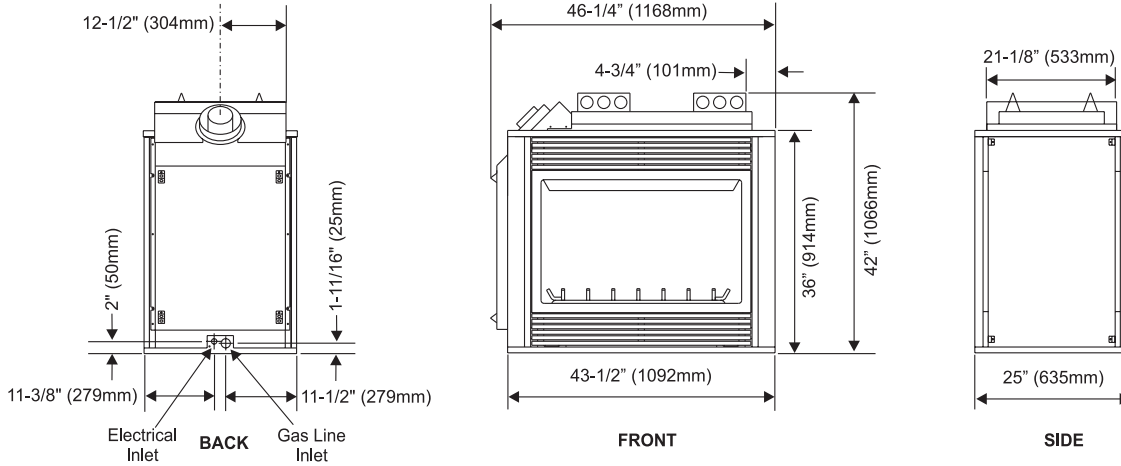
- 1) Clocking the appliance to ensure the correct firing rate (rate noted on label 40,000 Btu/h NG, and 39,000 Btu/h LP) after burning appliance for 15 minutes.
- 2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-20 min. to stabilize.

**CAUTION: Any alteration to the product that causes sooting or carboning that results in damage is not the responsibility of the manufacturer.**

# INSTALLATION

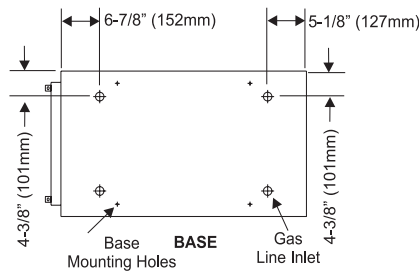
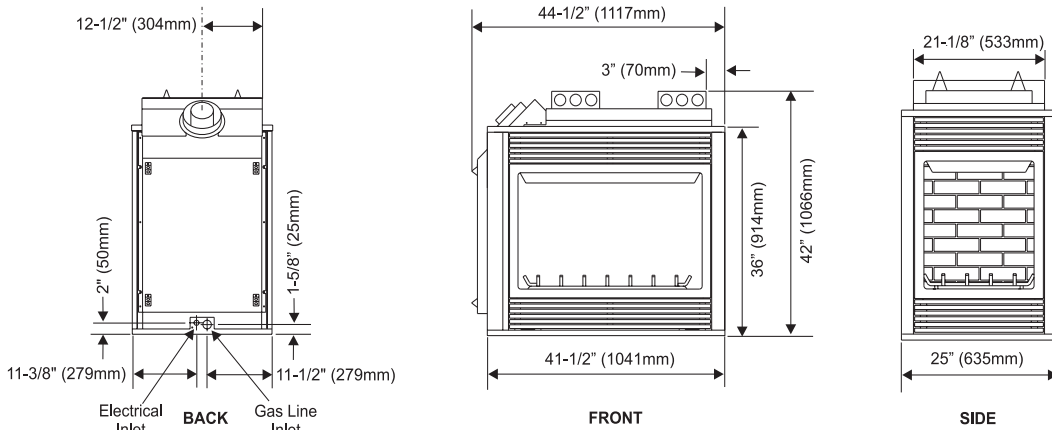
## SPECIFICATIONS

### P121-1 See Thru

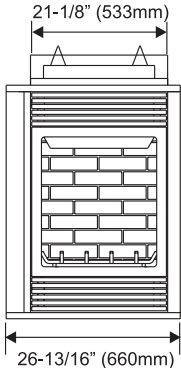


**Note: These units are non-load bearing.**

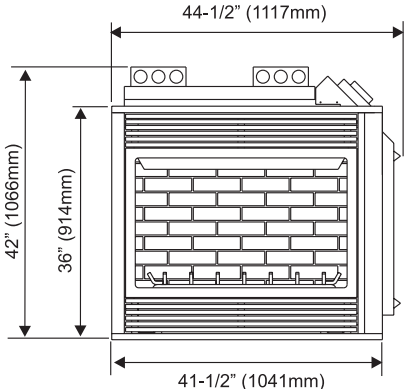
### P131-1 Pier



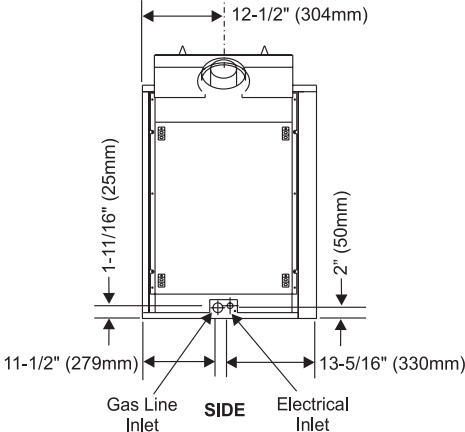
## P121LC-1 Left Corner Unit



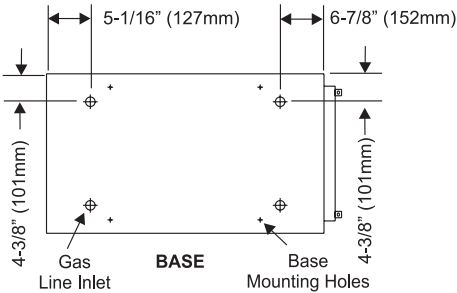
BACK



FRONT



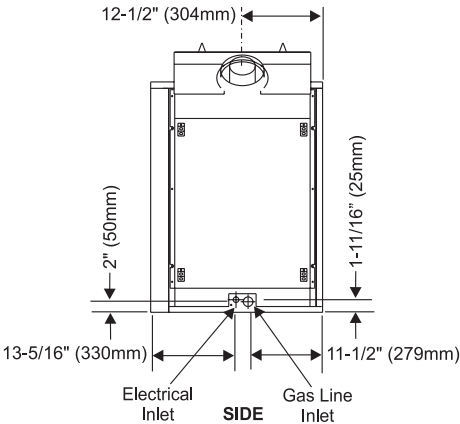
SIDE



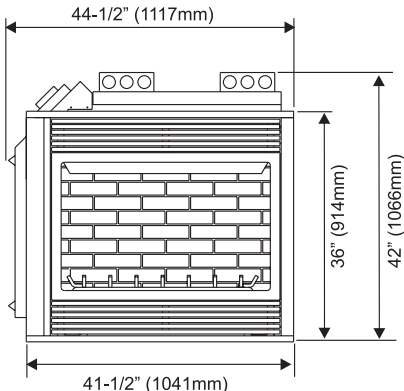
BASE

**Note: These units are non-load bearing.**

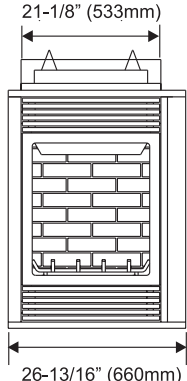
## P121RC-1 Right Corner Unit



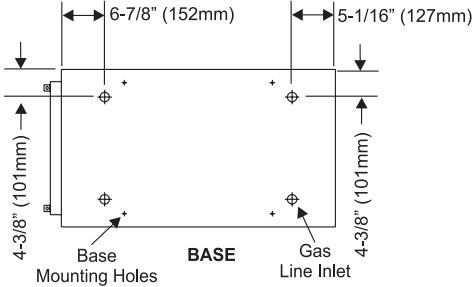
SIDE



FRONT



BACK



BASE

# INSTALLATION

## LOCATING YOUR GAS FIREPLACE

- 1) When selecting a location for your stove, ensure that the clearances are met as outlined on page 9.
- 2) Provide adequate clearances for servicing.
- 3) The appliance must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or raised up on a platform to enhance its visual impact. If the appliance is going to be installed on carpeting, combustible linoleum tile or other combustible material other than wood flooring, the appliance must be installed on a metal or wood panel extending the full width and depth of the appliance.

- 4) The Direct Vent Gas Fireplace can be installed as follows:

Model#	Position
A)	P121-1: See Thru
B)	P131-1: Pier
C)	P121LC-1: Left Corner
D)	P121RC-1: Right Corner

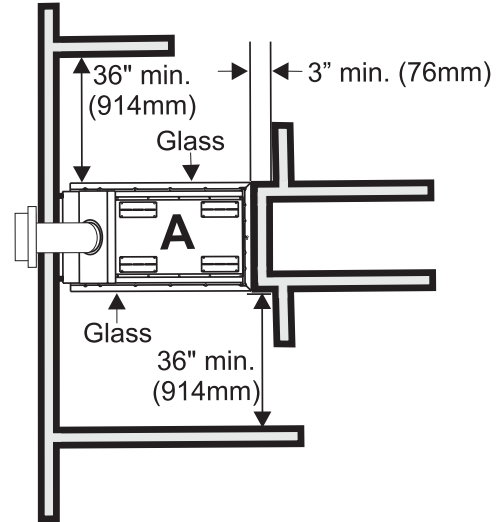
- 5) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.

- 6) The P121-1/P121LC-1/P121RC-1/P131-1 Direct Vent Gas Fireplace is approved for alcove installations, which meet the clearances listed on this page.

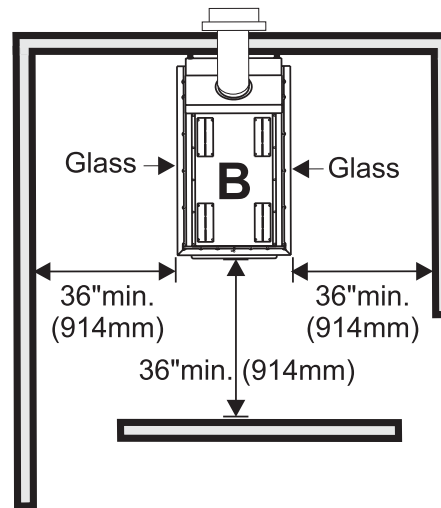
- 7) We recommend that you plan your installation on paper using exact measurements for clearances and floor protection before actually installing this appliance. Have a qualified inspector, dealer, or installer review your plans before installation.

**Note: For Exterior Vent Termination Locations see page 12.**

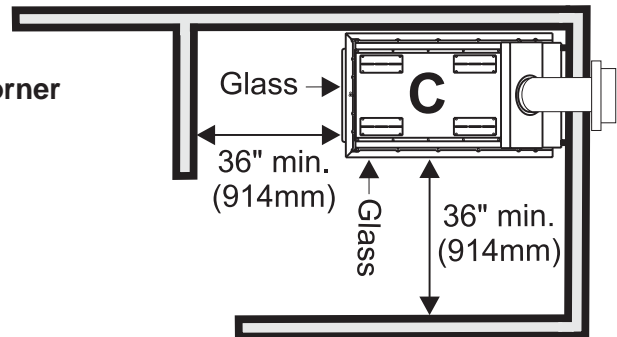
**A) P121-1 See Thru**



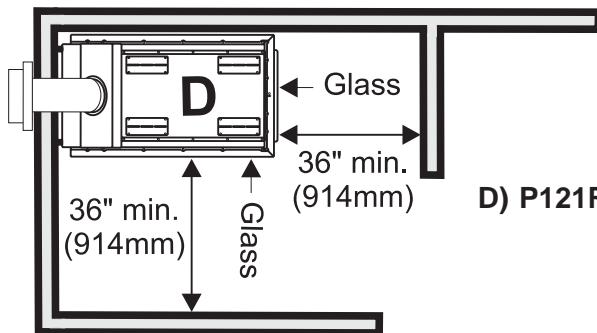
**B) P131-1 Pier**



**C) P121LC-1 Left Corner**



**D) P121RC-1 Right Corner**





## CLEARANCES

The clearances listed below are Minimum distances unless otherwise stated (refer to diagrams on page 8):

**Clearance to Combustibles from:**

<b>Back</b>	0"	(0mm)
<b>Side</b>	0"	(0mm)
<b>Floor</b>	0"	(0mm)

**CAUTION REQUIREMENTS:** The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoffs may **NOT** be recessed into combustible construction.

Determine the total thickness of the finished floor (eg. tile, carpet, slate) to allow the finished surface to be flush with the base of the unit.

**Ceiling Height from Floor** 72" (1828mm)

**Mantel Height from Base of Unit:**  
39" min. (991mm)

**Horizontal Vent Clearances:**

<b>Top</b>	2-1/2"	(64mm)
<b>Side</b>	1-1/2"	(38mm)
<b>Bottom</b>	1-1/2"	(38mm)

**Vertical Vent Clearances** 1-1/4" (32mm)

**WARNING:**  
Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

## COMBUSTIBLE MANTELS

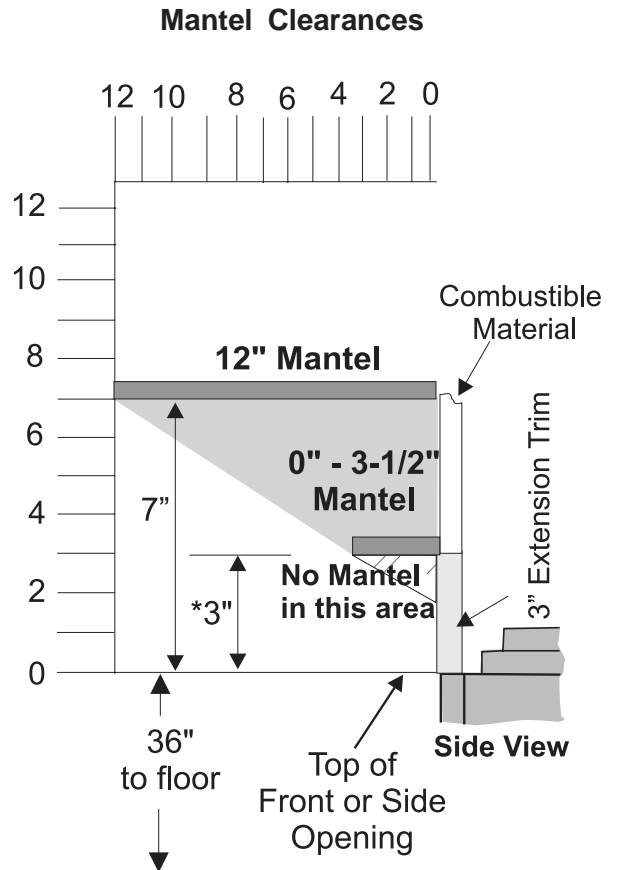
Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in Diagram to the right.

**Note:** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

This drawing is to scale at 1:6 (one inch = 6 inches)  
Mantel can be installed anywhere in shaded area or higher using this scale.

**Caution:** Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

\* If the 3" metal extension trim is removed it must be replaced with a 3" non-combustible material.



# INSTALLATION

## FRAMING AND FINISHING

- 1) For ease of installation, frame your fireplace after it is positioned and the vent system is installed. Remember to install the top standoffs. See page 11 for assembly. Use 2x4's and frame to local building codes.

**CAUTION:** Verify your fireplace dimensions, framing methods and finished wall facing details before framing. Determine the total thickness of facing material - drywall plus ceramic tiles, slate, etc. Allow the finish surface to be flush with the front or side of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

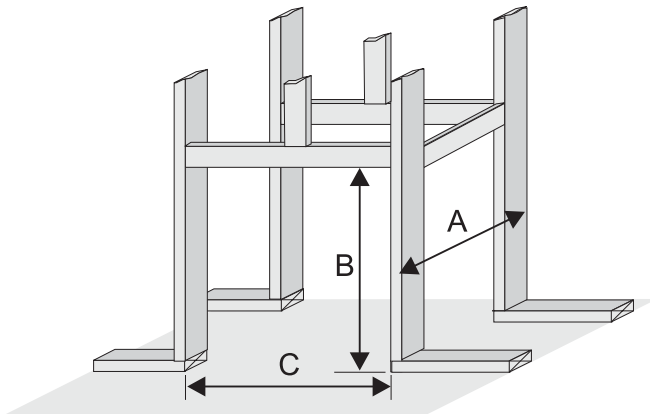
- 2) When locating your appliance on an exterior wall or in a chase, apply a vapour barrier and drywall, as per local building codes. **DO NOT INSULATE THE FIREPLACE ITSELF.**

**CAUTION:** The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0" to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain clearance from the vent to combustible materials for both rigid and flex, see Vent Clearances, page 9.

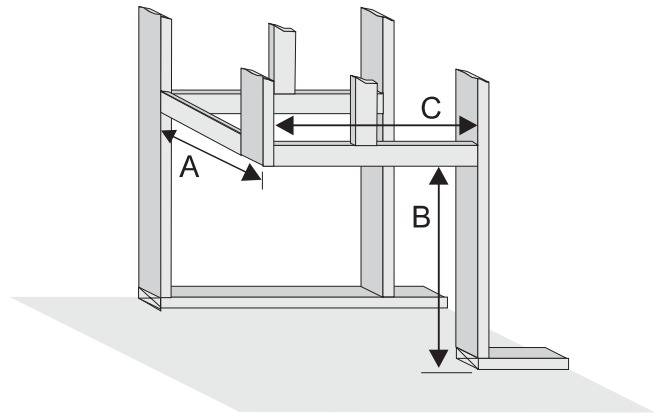
Framing Dimensions			
	P121-1 (See Thru)	P131-1 (Pier)	P121LC-1 / P121RC-1 (Corner Unit)
A	25"(635mm) minus two times the finishing material thickness*	25"(635mm) minus two times the finishing material thickness*	26-13/16" minus one time the finishing material thickness*
B	42-1/2"(1080mm)	42-1/2"(1080mm)	42-1/2"(1080mm)
C	46-3/4"(1187mm)	45" (1143mm) minus one time the finishing material thickness*	45"(1143mm) minus one time the finishing material thickness*

\* Finish material thickness includes: drywall, ceramic tile, slate, etc.

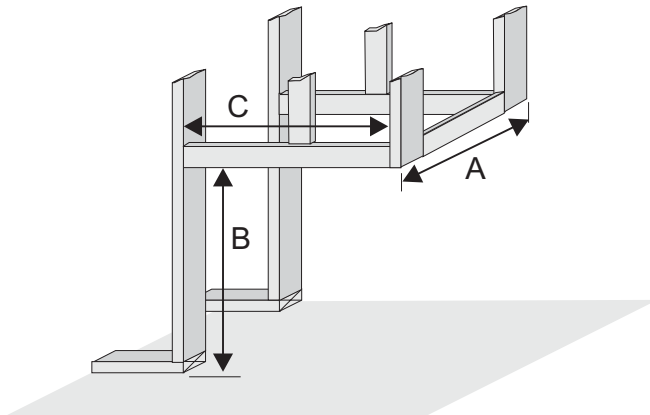
P121-1 - See Thru



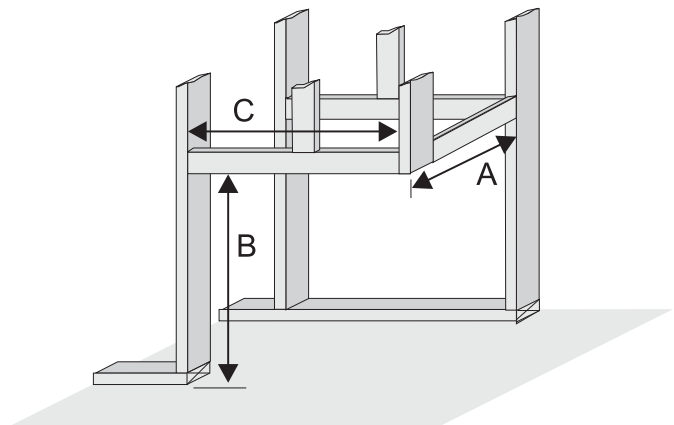
P121LC-1 - Corner Unit



P131-1 - Pier



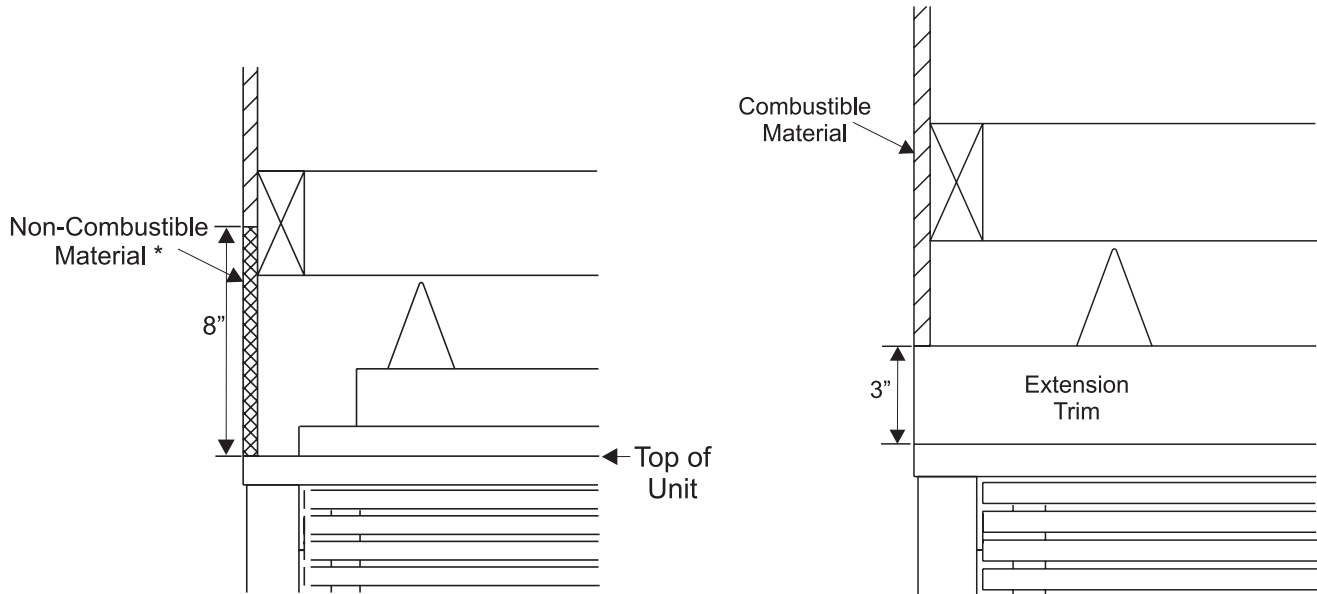
P121RC-1 - Corner Unit



**Note: These units are non-load bearing.**

## FACING & FINISHING REQUIREMENTS

This fireplace is supplied with a 3" metal extension trim above the fireplace. The extension trim may be replaced if the framing is faced with a non-combustible material placed flush with the front and side face of the unit and extending from the top of the unit. (ie. tile, slate, etc.)



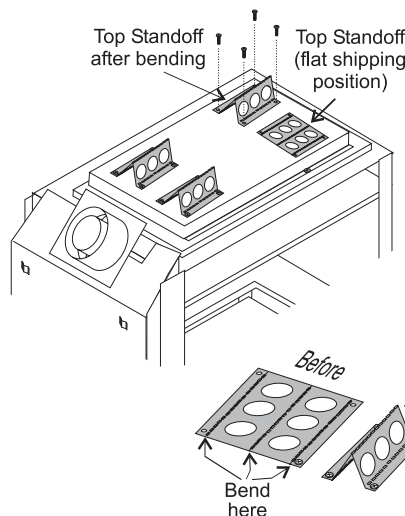
## UNIT ASSEMBLY PRIOR TO INSTALLATION

The 4 Top Standoffs must be correctly positioned and attached to the top before unit is slipped into position.

### Top Standoff Assembly

The top standoffs are shipped in a flat position and must be folded into shape and attached.

- 1) Remove the standoffs from the fireplace top.
- 2) Take each standoff and bend into the correct shape. Bend up at the bend lines until the screw holes in the standoff and the pre-punched screw holes on the fireplace top line up.
- 3) Attach the standoff securely to the top with 4 screws per standoff (on opposite corners).



## VENTING INTRODUCTION

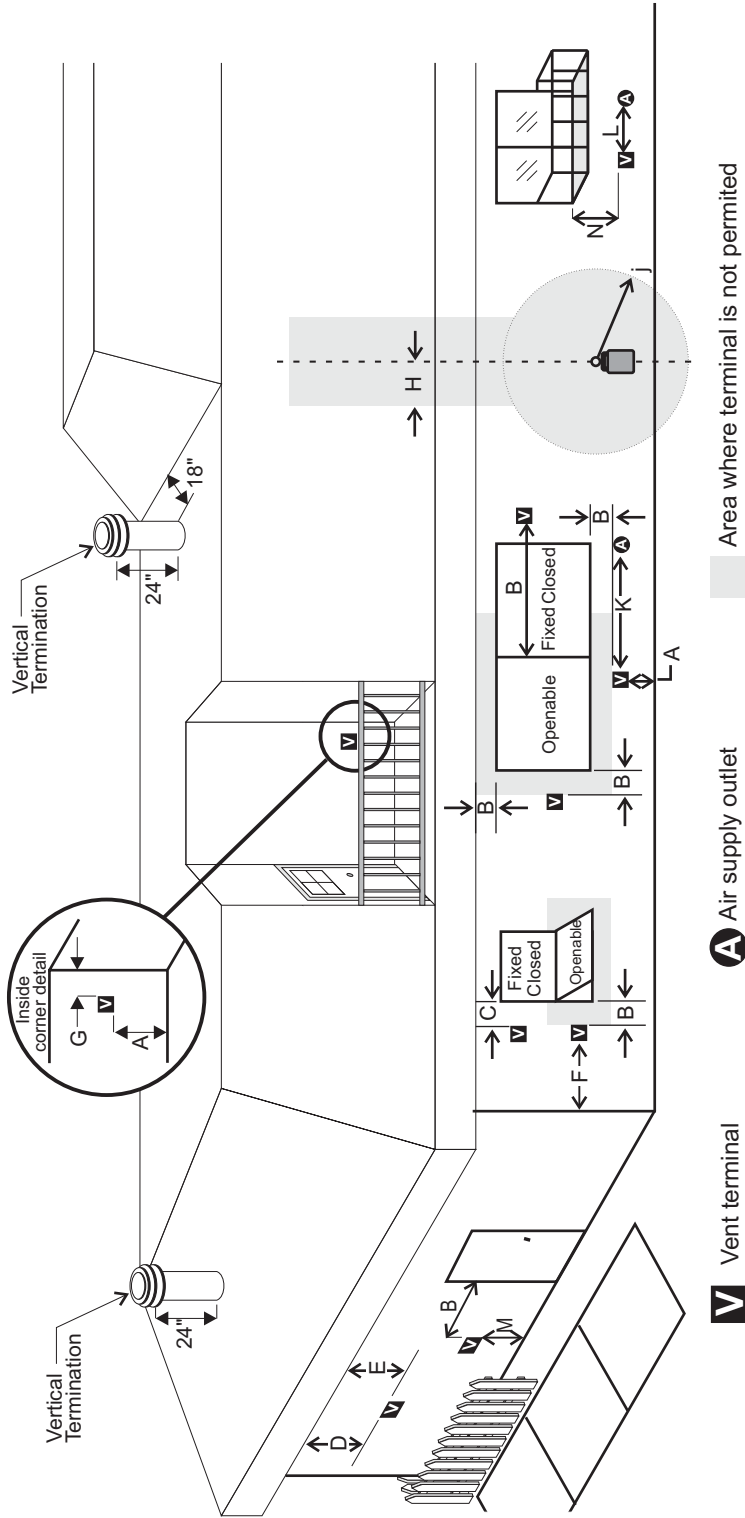
The P121-1/P121LC-1/P121RC-1/P131-1 uses the "balanced flue" technology Co Axial system. The inner liner vents products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

**Note:** *These flue pipes must not be connected to any other appliance.*

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use its own separate vent system. Common vent systems are prohibited.

# INSTALLATION

## EXTERIOR VENT TERMINATION LOCATIONS



- A= Clearance above grade, veranda, porch, deck, or balcony \*(min. 12"/30cm)
- B= Clearance to window or door that may be opened \*(12"/30cm)
- C= Clearance to permanently closed window \*(min. 12"/30cm)
- D= Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of (24"/60cm) from the centerline of the terminal (min. 18"/46cm) check with local code.
- E= Clearance to unventilated soffit (min. 20"/51cm)
- F= Clearance to outside corner: with **AstroCap** Termination Cap (min 6"/15cm), with Dura-Vent Termination Cap (14"/36cm)
- G= Clearance to inside corner: with **AstroCap** Termination Cap (min 6"/15cm), with Dura-Vent Termination Cap (12"/30cm)
- H= Not to be installed above a meter/regulator assembly within (3'/90cm) horizontally from the centerline of the regulator.
- J= Clearance to service regulator vent outlet \*(min 36"/90cm)
- K= Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance \*(12"/30cm)
- L= Clearance to a mechanical air supply inlet \*(min. 72"/1.8m)
- M= Clearance above paved sidewalk or a paved driveway located on public property \*(min. 84"/2.1m)
- N= Clearance under veranda, porch, deck, or balcony \*(min. 12"/30cm)

**Note:**

- A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.
- Only permitted if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.
- If the vent termination is accessible, a certified guard shall be installed.
- \* As specified in CGA B149 Installation Code. Note: Local codes or regulations may require different clearances.

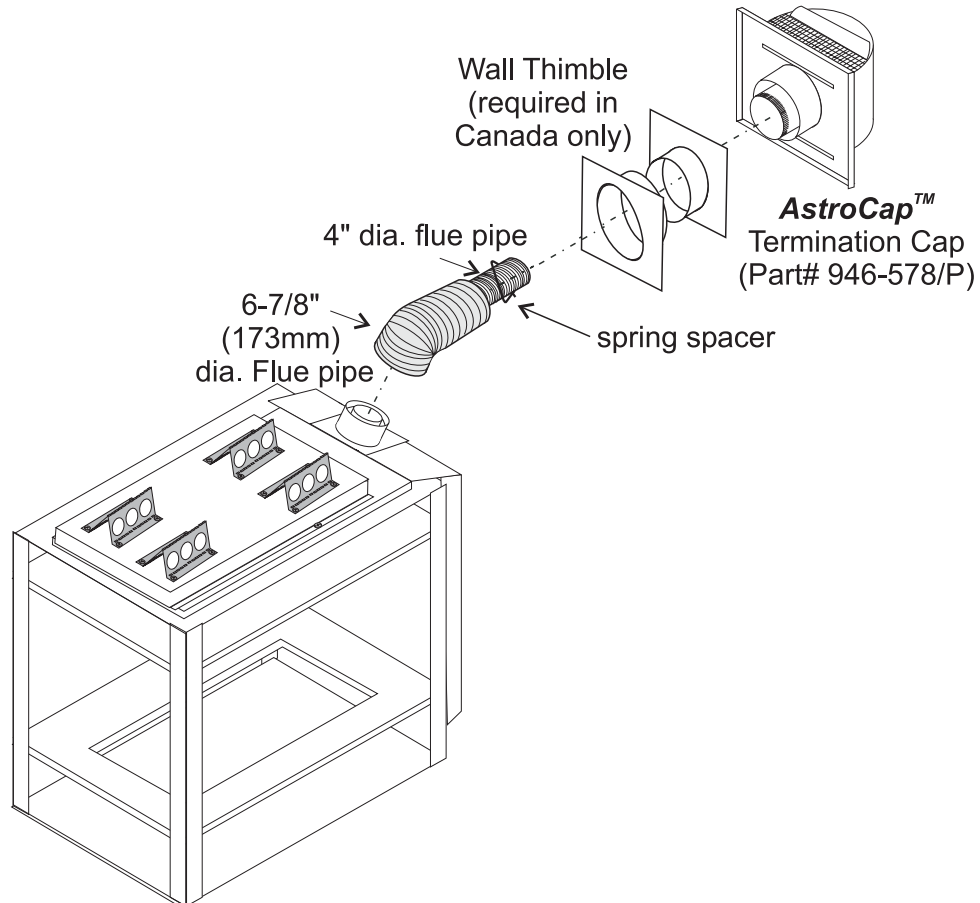
## VENTING ARRANGEMENT - HORIZONTAL TERMINATIONS

### *Regency Direct Vent System (Flex) Horizontal Terminations Only*

These venting systems, in combination with the P121-1/P121LC-1/P121RC-1/P131-1 Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Warnock Hersey. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram on page 12.

**Regency Direct Vent (Flex) System Termination Kit (Part# 946-513) includes all the parts needed to install the P121-1/P121LC-1/P121RC-1/P131-1 with a maximum run of 2 feet.**

- 1) 6-7/8" dia. flexible liner (2 ft. length)
- 2) 4" dia. flexible liner (2 ft. length)
- 3) spring spacers (3)
- 4) thimble (2)
- 5) **AstroCap** termination cap (1)
- 6) screws (12)
- 7) tube of Mill Pac (1)
- 8) plated screws (8)
- 9) screws #8 x 1-1/2" drill point, stainless steel (4)



#### Notes:

- 1) Liner sections should be continuous without any joints or seams.
- 2) Only Flex pipe purchased from Regency may be used for Flex installations.
- 3) Regency Direct Vent System (Flex) is only approved for horizontal terminations.

# INSTALLATION

## SIMPSON DURA-VENT VENTING *Horizontal or Vertical Terminations*

The Simpson Dura-Vent Direct Vent System offers a complete line of component parts for installation of both horizontal and vertical installations. Many items are offered in decorative black, as well as galvanized finish. We recommend using the galvanized finish for installation with the P121-1/P121LC-1/P121RC-1/P131-1.

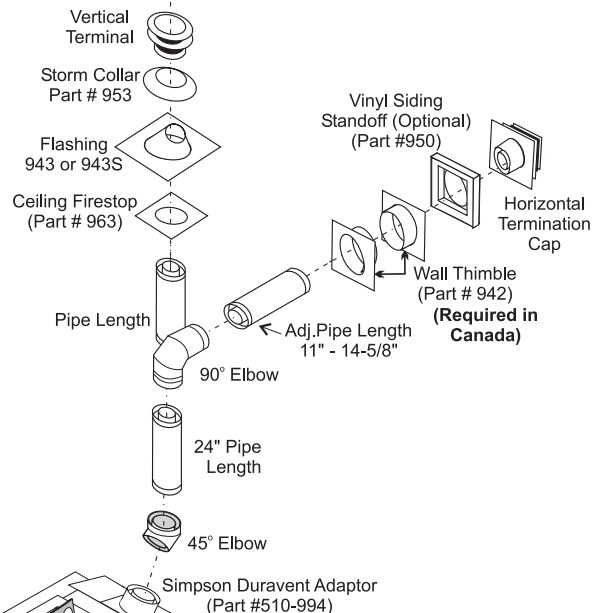
The minimum components required for a basic horizontal termination are:

- 1 Simpson Duravent Adaptor
- 1 Horizontal Termination Cap
- 1 45° Elbow
- 1 Flue Adaptor
- 1 Wall Thimble
- 1 Length of pipe to suit wall thickness (see chart)

vinyl siding standoff, to create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness including furring strips.

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 2 inches.

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. For siding other than vinyl furring strips may be used, instead of the

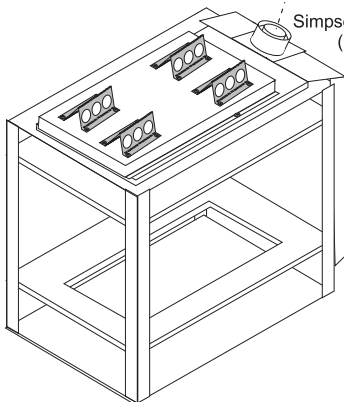


Flat Wall Installation	
Wall Thickness (inches)	Vent Length Required (inches)
4" - 5-1/2"	6"
7" - 8-1/2"	9"
10" - 11-1/2"	12"
9" - 14-1/2"	11" - 14-5/8" Adj. Pipe
15" - 23-1/2"	17" - 24" Adj. Pipe

The Regency AstroCap™ is certified for installations using FPI venting systems as well as Simpson Dura-Vent® and Direct Vent GS.

Regency™, and Regency AstroCap™ are the proprietary trademarks of FPI Fireplace Products International Ltd.

Dura-Vent® and Direct Vent GS are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.



**Simpson Dura-Vent Direct Vent GS**

## SIMPSON DURA-VENT VENTING COMPONENTS LIST

All Simpson Dura-Vent components are available directly from Regency.

Part #	Description	Part #	Description	Part #	Description
971	Horiz. Termination Kit includes: 90° black elbow, wall thimble cover, horiz. square termination cap, 24" black pipe, and 11" -14" 5/8" adjustable black pipe	902	48" Pipe Length - Galv.	982	Snorkel - 14" Rise Termination Cap
970	Basic Horiz. Termination. Kit includes: 90° black elbow, wall thimble cover, horiz. square termination cap	902B	48" Pipe Length - Black	981	Snorkel - 36" Rise Termination Cap
978	Vert. Termination Kit includes 0/12 - 6/12 pitch adjustable flashing, storm collar, low profile term. cap	911B	11"-14 5/8" Adjustable Pipe Length - Black	940	Wall Thimble - Support/Box
908B	6" Pipe Length - Black	917B	17"- 24" Adjustable Length - Black	941	Cathedral/Ceiling - Support/Box
907B	9" Pipe Length - Black	945	45° Elbow - Galv.	3951	Brass Trim for Wall Thimble/Ceiling Sup.
906	12" Pipe Length - Galv.	945B	45° Elbow - Black	963	Firestop Spacer
906B	12" Pipe Length - Black	945G	45° Elbow - Swivel - Galv.	943	Flashing 0/12-6/12
904	24" Pipe Length - Galv.	945BG	45° Elbow - Swivel - Black	943S	Flashing 7/12-12/12
904B	24" Pipe Length - Black	990	90° Elbow - Galv.	953	Storm Collar
903	36" Pipe Length - Galv.	990B	90° Elbow - Black	950	Vinyl Siding Standoff
903B	36" Pipe Length - Black	990G	90° Elbow - Swivel - Galv.	988	Wall Strap
		990BG	90° Elbow - Swivel - Black	942	Wall Thimble
		991	High Wind Termination Cap (Vertical)		
		980	Vertical Termination Cap	<b>Parts not supplied by Dura-Vent</b>	
		984	Horizontal Square Termination Cap	946-506/P	Vent Guard (Optional)
		985	Horiz. Square High Wind Termination Cap	510-994	Dura-Vent Flue Adaptor
				640-530/P	Riser Vent Terminal
				946-205	Vinyl Siding Shield for Riser Vent Terminal
				946-206	AstroCap Standoff

## VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS SIMPSON DURA-VENT DIRECT VENT GS SYSTEM (Propane & Natural Gas)

The diagram below shows examples of horizontal termination arrangements using one, two, or three 90° elbows (two 45° elbows equal one 90° elbow).

**Note:**

- 1) A maximum of three 90° elbows are permitted.
- 2) Minimum distance between elbows is 1 ft. (305mm).

*Simpson Dura-Vent*  
4" inner diameter  
6-5/8" outer diameter

- Maintain clearances to combustibles as listed on page 9.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional flue adapter (Part# 510-994) when using Simpson Dura-Vent pipe.
- A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

### Straight Out Horizontal Venting

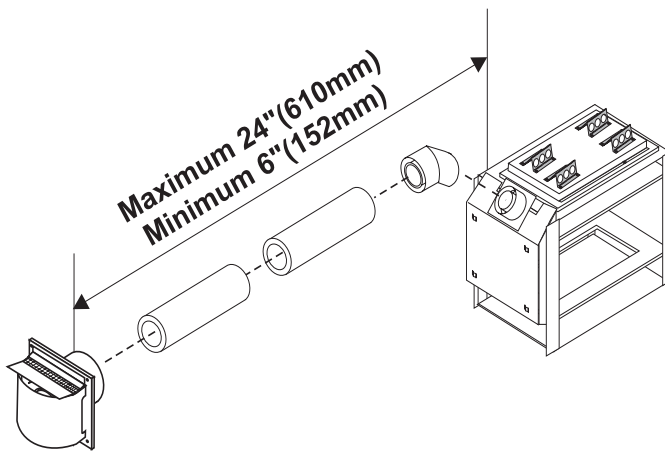
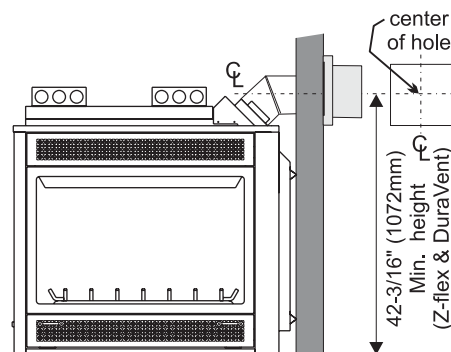


Diagram 1



**Please note the minimum centerline for basic install shown above.**

### Horizontal Venting with One (1) 90° Elbow

Option	V	H
A)	1' (305mm) Minimum	3' (914mm) Maximum
B)	2' (610mm) Minimum	6' (1.86m) Maximum
C)	3' (914mm) Minimum	9' (2.7m) Maximum
D)	4' (1.22m) Minimum	12' (3.6m) Maximum
E)	5' (1.5m) Minimum	15' (4.5m) Maximum
F)	6' (1.86m) Minimum	17' (5.1m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 6 feet total vertical and maximum 17 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**

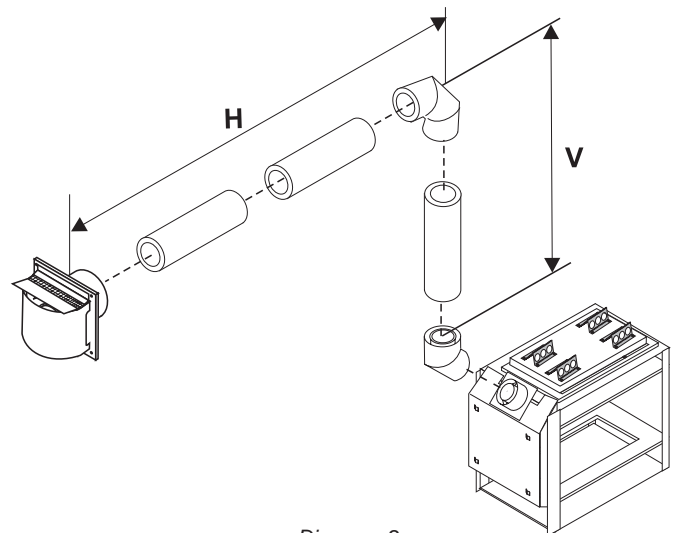


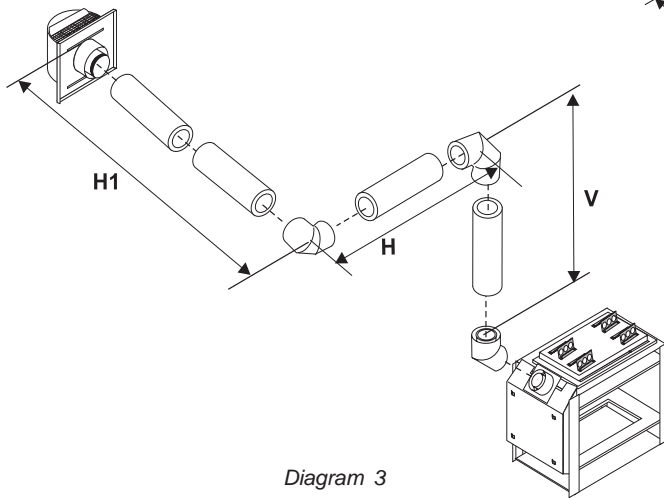
Diagram 2

# INSTALLATION

## Horizontal Venting with Two (2) 90° Elbows

Option	V	H + H1
A)	1' (305mm) Minimum	2' (610mm) Maximum
B)	2' (610mm) Minimum	5' (1.5m) Maximum
C)	3' (914mm) Minimum	8' (2.4m) Maximum
D)	4' (1.22m) Minimum	11' (3.35m) Maximum
E)	5' (1.5m) Minimum	14' (4.27m) Maximum
F)	6' (1.86m) Minimum	15' (4.5m) Maximum

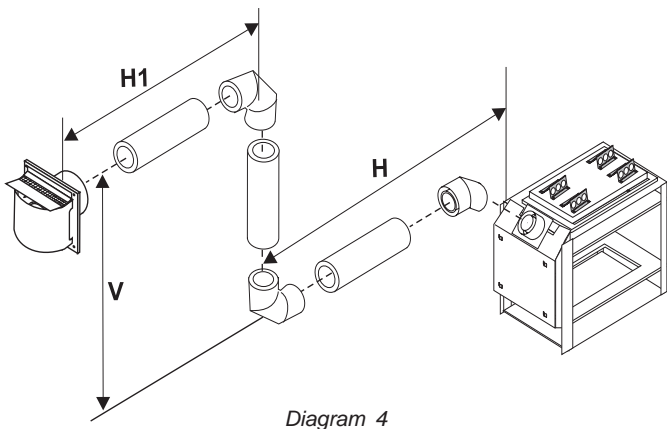
With the above options, maximum total pipe length is 37 feet with minimum of 6 feet total vertical and maximum 15 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**



## Horizontal Venting with Two (2) 90° Elbows

Option	V	H	H + H1
A)	1' (305mm) Min.	1' (305mm) Max.	3' (914mm) Max.
B)	2' (610mm) Min.	3' (0.91m) Max.	6' (1.86m) Max.
C)	3' (914mm) Min.	5' (1.5m) Max.	9' (2.7m) Max.
D)	5' (1.5m) Min.	8' (2.4m) Max.	12' (3.6m) Max.

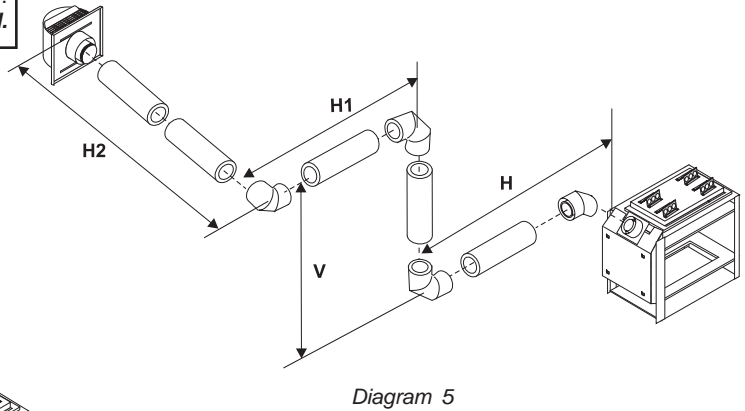
With the above options, maximum total pipe length is 37 feet with minimum of 5 feet total vertical and maximum 12 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**



## Horizontal Venting with Three (3) 90° Elbows

Option	V	H	H + H1 + H2
A)	2' (610mm) Min.	1' (305mm) Max.	3' (914mm) Max.
B)	3' (914mm) Min.	3' (914mm) Max.	6' (1.86m) Max.
C)	4' (1.22m) Min.	5' (1.5m) Max.	9' (2.7m) Max.
D)	5' (1.5m) Min.	7' (2.13m) Max.	12' (3.6m) Max.

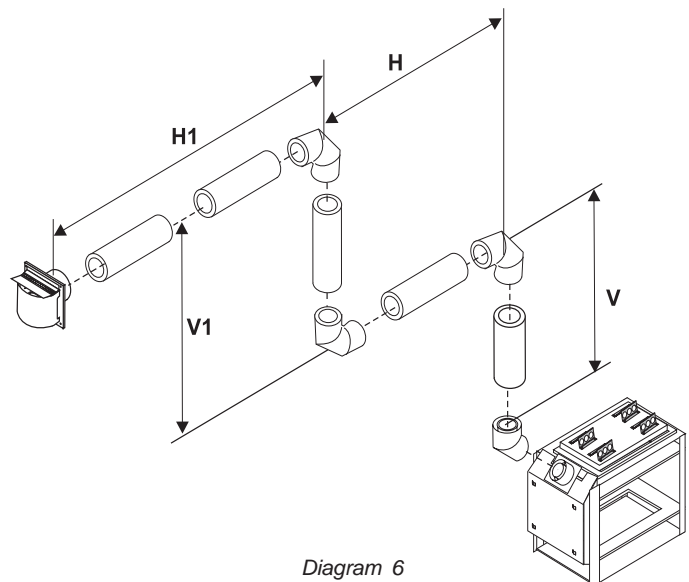
With the above options, maximum total pipe length is 37 feet with minimum of 5 feet total vertical and maximum 12 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**



## Horizontal Venting with Three (3) 90° Elbows

Option	V + V1	H + H1
A)	2' (610mm) Minimum	3' (914mm) Maximum
B)	3' (914mm) Minimum	6' (1.86m) Maximum
C)	4' (1.22m) Minimum	9' (2.7m) Maximum
D)	5' (1.5m) Minimum	12' (3.6m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 5 feet total vertical and maximum 12 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**





## VENTING ARRANGEMENTS - VERTICAL TERMINATIONS SIMPSON DURA-VENT DIRECT VENT GS SYSTEM (Propane & Natural Gas)

- Vent must be supported at offsets
- Maintain clearances to combustibles as listed on page 9.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional flue adapter when using Simpson Dura-Vent pipe (Part# 510-994).

The P121-1/P121LC-1/P121RC-1/P131-1 is approved for a maximum 35 ft. (10.7m) straight vertical, with Simpson Dura-Vent Direct Vent GS vent systems for Propane and Natural Gas, as per diagram 7 below.

**Straight Up Vertical Venting**

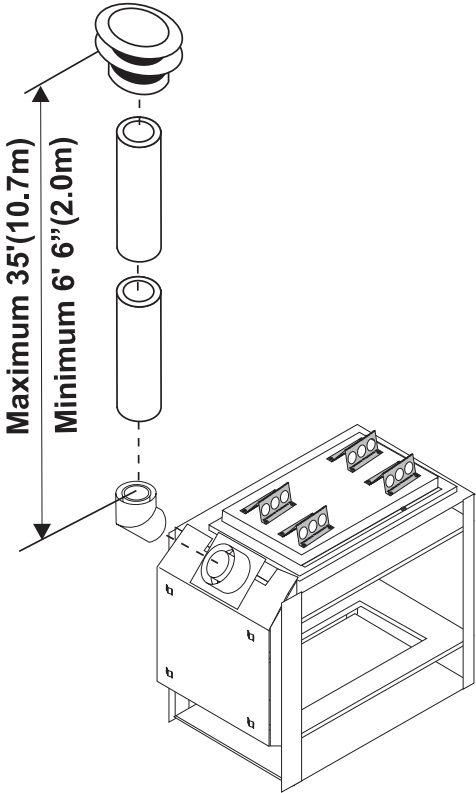


Diagram 7

**Vertical Venting with One (1) 90° Elbow**

Option	V	H
A)	1' (305mm) Minimum	2' (610mm) Maximum
B)	2' (610mm) Minimum	4' (1.22m) Maximum
C)	3' (914mm) Minimum	6' (1.86m) Maximum
D)	4' (1.22m) Minimum	8' (2.4m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 4 feet total vertical and maximum 8 feet total horizontal.  
**Please note minimum 1 foot between 90° elbows is required.**

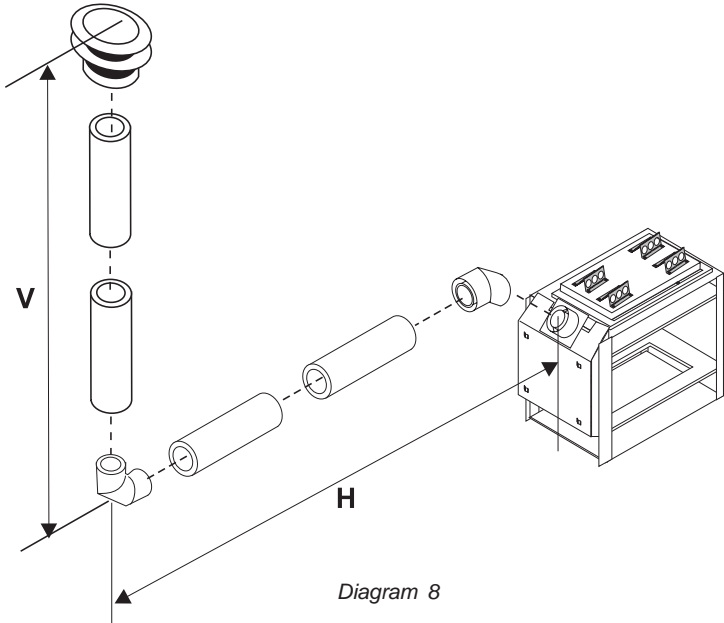
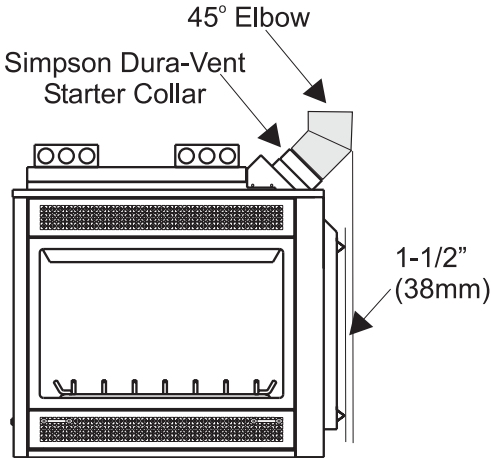


Diagram 8



**IMPORTANT**

When installing this unit vertically, the 45° elbow when installed in conjunction with the Simpson Dura-Vent Adaptor will protrude past the unit 1-1/2" (38mm) when measured from the rear standoffs.

**Note:** A 1-1/4" (32mm) clearance from the elbow must also be maintained.

# INSTALLATION

## Vertical Venting with Two (2) 90° Elbows

Option	V	H
A)	1' (305mm) Minimum	4' (1.22m) Maximum
B)	2' (610mm) Minimum	6' (1.86m) Maximum
C)	3' (914mm) Minimum	9' (2.7m) Maximum
D)	4' (1.22m) Minimum	12' (3.6m) Maximum
E)	5' (1.5m) Minimum	15' (4.5m) Maximum
F)	6' (1.86m) Minimum	17' (5.1m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 6 feet total vertical and maximum 17 feet total horizontal. **Please note minimum 1 foot between 90° elbows is required.**

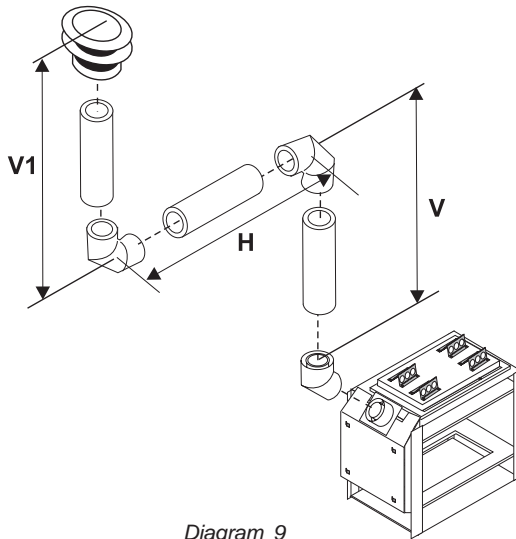


Diagram 9

## Vertical Venting with Two (2) 90° Elbows

Option	V	H + H1
A)	1' (305mm) Minimum	2' (610mm) Maximum
B)	2' (610mm) Minimum	4' (1.22m) Maximum
C)	3' (914mm) Minimum	6' (1.86m) Maximum
D)	4' (1.22m) Minimum	8' (2.4m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 4 feet total vertical and maximum 8 feet total horizontal. **Please note minimum 1 foot between 90° elbows is required.**

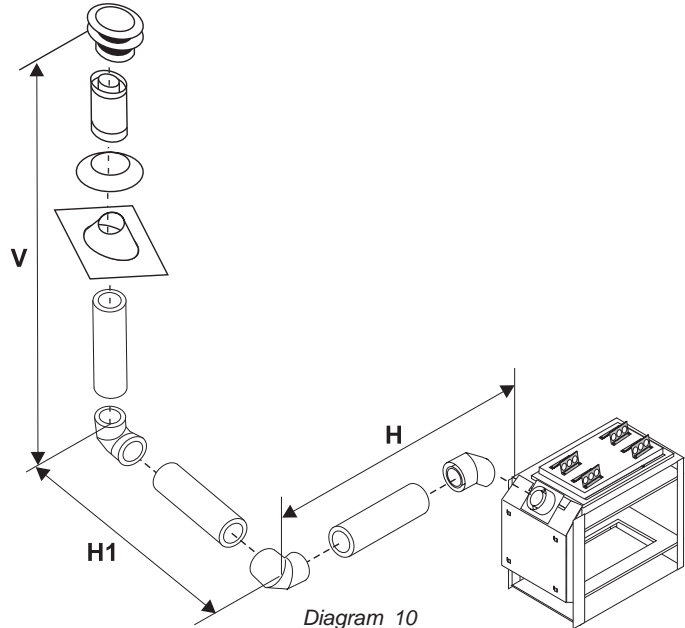


Diagram 10

## Vertical Venting with Three (3) 90° Elbows

Option	V + V1	H	H + H1
A)	2' (610mm) Min.	1' (305mm) Max.	2' (610mm) Max.
B)	3' (914mm) Min.	4' (1.22m) Max.	5' (1.5m) Max.
C)	4' (1.22m) Min.	6' (1.86m) Max.	8' (2.4m) Max.
D)	5' (1.5m) Min.	8' (2.4m) Max.	12' (3.6m) Max.

With the above options, maximum total pipe length is 37 feet with minimum of 5 feet total vertical and maximum 12 feet total horizontal. **Please note minimum 1 foot between 90° elbows is required.**

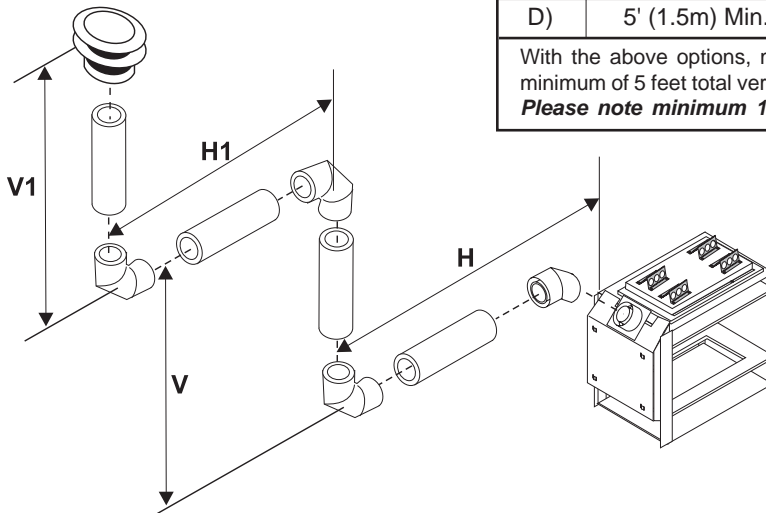
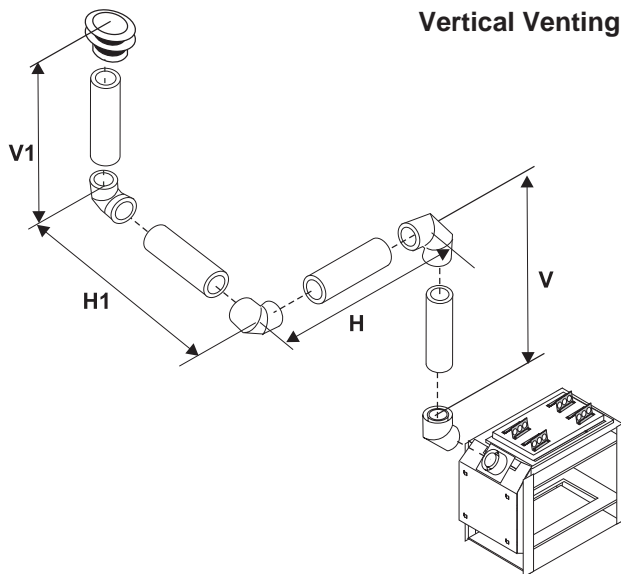


Diagram 11

## Vertical Venting with Three (3) 90° Elbows



Option	V + V1	H + H1
A)	2' (610mm) Minimum	3' (914mm) Maximum
B)	3' (914mm) Minimum	6' (1.86m) Maximum
C)	4' (1.22m) Minimum	9' (2.7m) Maximum
D)	5' (1.5m) Minimum	12' (3.6m) Maximum

With the above options, maximum total pipe length is 37 feet with minimum of 5 feet total vertical and maximum 12 feet total horizontal. **Please note minimum 1 foot between 90° elbows is required.**

Diagram 12

## HORIZONTAL INSTALLATIONS

Install the vent system according to the manufacturer's instructions included with the components.

- 1) Set the unit in its desired location. Check to determine if wall studs or roof rafters are in the way when the venting system is attached. If this is the case, you may want to adjust the location of the unit. Rough in the gas.
- 2) Direct Vent pipe and fittings are designed with special twist-lock connections to connect the venting system to the appliance flue outlet. A twist-lock appliance adaptor is an available option that must be used in conjunction with the Simpson Dura-Vent Direct Vent GS system.
- 3) Put a bead of silicone inside the outer section of the adapter and a bead of Mill Pac on the inner collar. Slip the adapter over the existing inner and outer flue collar and fasten to the outer collar only with the 3 supplied screws (drilling pilot holes will make this easier). Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.
- 4) Assemble the desired combination of pipe and elbows to the appliance adaptor and twist-lock for a solid connection.

**Note:**

- a) Twist-lock procedure: Four indentations, located on the female ends of pipes and fittings, are designed to slide straight onto the male ends of adjacent pipes and fittings, by orienting the four pipe indentations so they match and slide in to the four entry slots on the male ends, Dia-

gram 1. Push the pipe sections completely together, then twist-lock one section clockwise approximately one-quarter turn, until the two sections are fully locked. The female locking lugs will not be visible from the outside, on the Black Pipe or fittings. They may be located by examining the inside of the female ends.

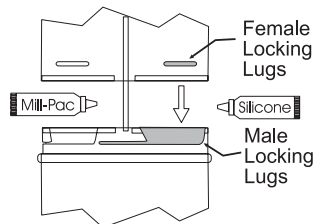


Diagram 1

**Note: Apply sealant "Mill-Pac" to inner pipe and high temperature silicone sealant to outer pipe on every twist-lock joint.**

- b) Horizontal runs of vent must be supported every three feet. Wall straps are available for this purpose.
- 5) Mark the wall for a 10" x 10" square hole. The center of the square hole should line up with the centerline of the horizontal pipe. Cut and frame the 10 inch square hole in the exterior wall where the vent will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7"(178mm) dia. (7-1/2"(191mm) dia. for flex) hole is acceptable.

**Note: With Dura-Vent, the minimum height is achieved by installing a 45° elbow directly to the flue adaptor.**

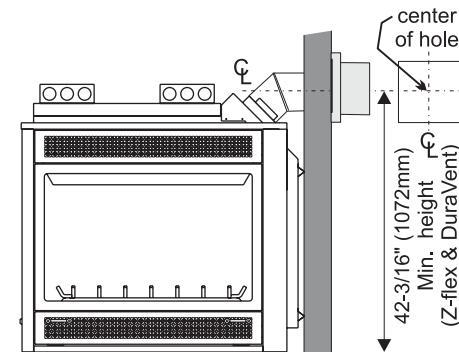


Diagram 2

**Note:**

- a) The horizontal run of vent must be level, or have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.
- b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. For External Vent Terminal Locations, see diagram on page 12.
- 6) **The arrow on the vent cap should be pointing up.** Insure that the 1-1/2" clearances to combustible materials are maintained (Diagram 3 on page 16). Install the termination cap.

The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

**Note: If installing termination on a siding covered wall, a vinyl siding stand-off or furring strips must be used**

# INSTALLATION

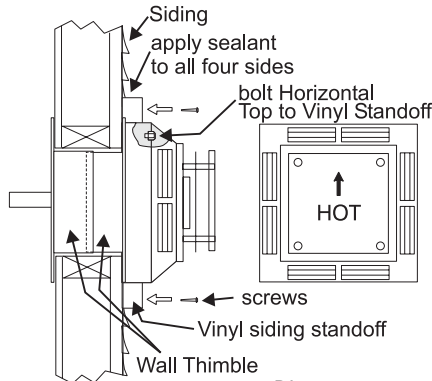


Diagram 3

to ensure that the termination is not recessed into the siding.

- 7) Before connecting the horizontal run of vent pipe to the vent termination, slide the Wall Thimble (Part #942) over the vent pipe.
- 8) Slide the appliance and vent assembly towards the wall carefully inserting the vent pipe into the vent cap assembly. It is important that the vent pipe extends into the vent cap sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches. Secure the connection between the vent pipe and the vent cap by attaching the two sheet metal strips extending from the vent cap assembly into the outer wall of the vent pipe. Use the two sheet metal screws provided to connect the strips to the pipe section. See Diagram 4.
- 9) Install wall thimble in the center of the 10" square and attach with wood screws (Diagram 5).

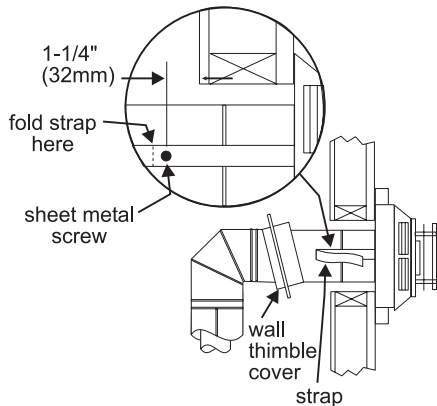


Diagram 4

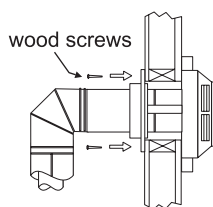


Diagram 5

## VERTICAL TERMINATION

- 1) Maintain the 1-1/4" clearances (air spaces) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafter, or other nearby combustible surfaces. Do not pack air spaces with insulation. Check pages 17-19 for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.

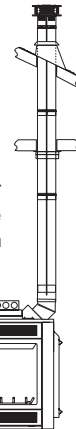


Diagram 1

- 2) Set the gas appliance in its desired location. Drop a plumb bob down from the ceiling to the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at this point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof. Determine if ceiling joists, roof rafters or other framing will obstruct the venting system. You may wish to relocate the appliance or to offset, as shown in Diagram 2 to avoid cutting load bearing members.

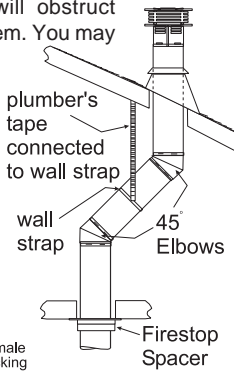
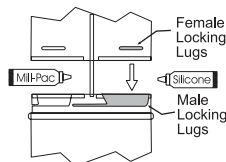


Diagram 2



**Note: Apply sealant "Mill-Pac" to inner pipe and high temperature silicone sealant to outer pipe on every twist-lock joint.**

- 3) A Firestop spacer must be installed in the floor or ceiling of every level. To install the Firestop spacer in a flat ceiling or wall, cut a 10 inch square hole. Frame the hole as shown in Diagram 3 and install the firestop.

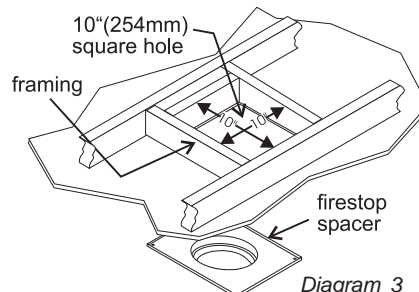


Diagram 3

- 4) Assemble the desired lengths of pipe and elbows. Ensure that all pipes and elbow connections are in the fully twist-locked position and sealed.

- 5) Cut a hole in the roof centered on the small drilled hole placed in the roof in Step 2. The hole should be of sufficient size to meet the minimum requirements for clearance to combustibles of 1-1/4". Slip the flashing under the shingles (shingles should overlap half the flashing) as per Diagram 4.

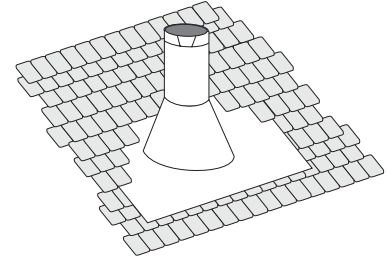


Diagram 4: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

- 6) Continue to assemble pipe lengths.

**Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose (Diagram 2).**

Galvanized pipe is desirable above the roofline due to its higher corrosion resistance. Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in Diagram 5 or local codes. Note that for steep

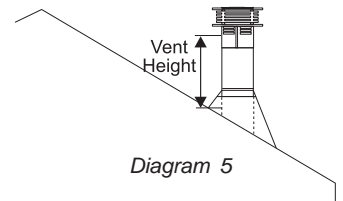


Diagram 5

Roof Pitch	Minimum Vent Height	
	Feet	Meters
flat to 7/12	2	0.61
over 7/12 to 8/12	2	0.61
over 8/12 to 9/12	2	0.61
over 9/12 to 10/12	2.5	0.76
over 10/12 to 11/12	3.25	0.99
over 11/12 to 12/12	4	1.22
over 12/12 to 14/12	5	1.52
over 14/12 to 16/12	6	1.83
over 16/12 to 18/12	7	2.13
over 18/12 to 20/12	7.5	2.29
over 20/12 to 21/12	8	2.44

# INSTALLATION

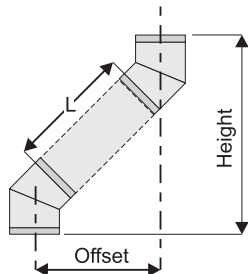
roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

- 7) Ensure vent is vertical and secure the base of the flashing to the roof with roofing nails, slide storm collar over the pipe section and seal with a mastic.
- 8) Install the vertical termination cap by twist-locking it.

**Note: Any closets or storage spaces, which the vent passes through must be enclosed.**

## Offset Chart

GS 6"(152mm) Nominal Diameter ID					
Offset		Pipe Length (L)		Height	
inches	mm	inches	mm	inches	mm
4 3/4	121	0	0	13 1/4	337
9	229	6	152	17 1/2	445
11 1/4	286	9	229	19 1/2	495
13 1/4	337	12	305	21 3/4	552
21 3/4	552	24	610	30 1/4	768
30 1/4	768	36	914	39	991
38	965	48	1219	47	1194



## INSTALLATION PROCEDURES

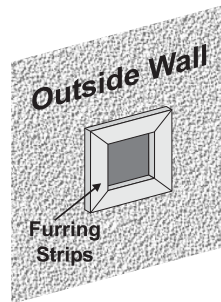
### for Regency AstroCap™ Direct Vent System (Flex)

- 1) Locate the unit in the framing, rough in the gas. Locate the centerline of the termination and mark wall accordingly. Cut a 10"(254mm) hole in the wall (inside dimension).

**Note: A 1-1/2"(38mm) clearance around the liner must be maintained except that only a 1" (25mm) clearance is needed at the termination end. We recommend framing a 10"(254mm) x 10"(254mm) (inside dimensions) hole to give structural rigidity for mounting the termination.**

**Note: If installing termination on a siding covered wall, furring strips must**

**Note: To make the installation more aesthetically pleasing, we recommend framing out a square to mount the terminal to.**



**be used to ensure that the termination is not recessed into the siding.**

- 2) Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.
- 3) Assemble the vent assembly by applying Mill Pac to the 4"(100mm) inner collar of the termination and slipping the 4"(100mm) liner over it at least 1-3/8" (35mm). Fasten with the 3 screws (drilling pilot holes will make this easier). Apply Mill Pac or high temperature silicone to the 6-7/8"(175mm) flex pipe and slip it over the 6-7/8" outer collar of the vent terminal at least 1-3/8"(35mm) and fasten with the 3 screws.

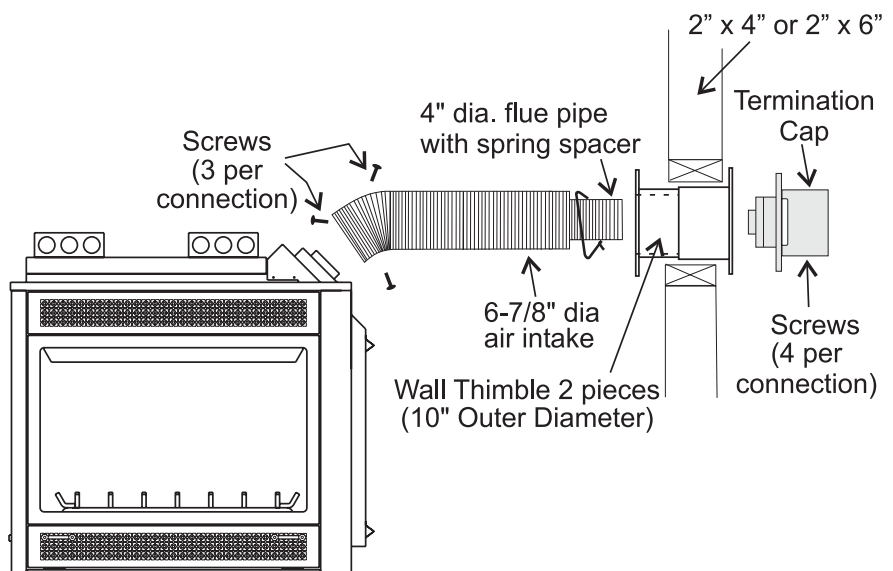
**NOTE: Horizontal sections must be supported at intervals not exceeding 3 feet (0.9 meter). (Flame picture and performance will be affected by sags in the liner).**

- 4) Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip

inside each other and can be adjusted for 2 x 4 or 2 x 6 walls. **The liners must slip over the collars a minimum of 1-3/8".**

- 5) Slip the assembled liner and termination assembly through the thimble making sure the termination cap faces up (there are markings on the cap that show which way is up). This will position the termination cap with proper down slope for draining water. Fasten the cap to the outer wall with the 4 supplied screws.
- 6) Pull the centre 4"(100mm) liner and outer 6-7/8"(175mm) liner out enough to slip over the flue collars of the fireplace. (You may wish to cut the liner shorter to make it more workable.) Do not bend liner more than 45°.
- 7) Apply Mill Pac over the fireplace inner collar and slip the 4"(100mm) liner down over it and attach with 3 supplied screws.
- 8) Do the same with the 6-7/8"(175mm) liner.
- 9) Apply a bead of silicone between the thimble and termination and around the outer edge of the terminal at the wall in order to keep the water out.

**IMPORTANT: Do not locate termination hood where excessive snow or ice build-up may occur. Be sure to check termination area after snow falls, and clear to prevent accidental blockage of venting system. When using snow blowers, make sure snow is not directed towards vent termination area.**



# INSTALLATION

## CONVERSION KIT FROM NATURAL GAS TO PROPANE MODEL #730-969 FOR P121-1/P121LC-1/P121RC-1/P131-1 USING SIT 820 NOVA GAS VALVE

**THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER IF IN DOUBT DO NOT DO THIS CONVERSION !!**

Conversion Kit Contains:

Qty.	Part #	Description
1	910-018	SIT Conversion Kit-50% Turndown LP
1	910-037	LP Injector (Pilot Orifice)
1	*	Burner Orifice #50
1	908-255	Decal "Converted to Propane"
1	908-529	5/32" Allen Key
1	918-032	Instruction Sheet

- 1) Remove the louvers and trim kit. Remove the front door.
- 2) Remove the logs, embers.
- 3) Remove the grate by lifting straight up. Remove the side brick panels (if installed). **The brick panel is very fragile - handle with care.**



- 4) Remove the burner assembly by removing the 4 Phillips head screws and then slide the burner assembly away from the orifice and lift out.

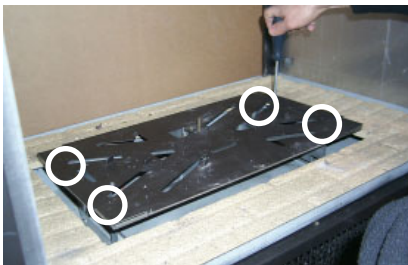


Diagram 1: Remove the left and right screws and then slide the burner assembly away from the orifice and lift out.



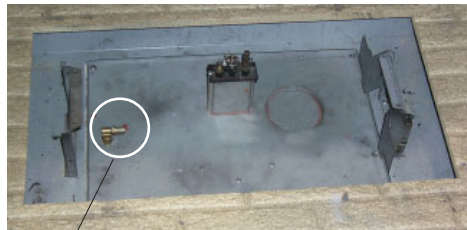
- 5) Pull off the pilot cap to expose the pilot orifice.



- 6) Unscrew the pilot orifice with the allen key and replace with the LP pilot orifice in the kit and replace pilot cap.



- 7) Remove burner orifice with a 1/2" wrench and discard. Use another wrench to hold on to the elbow behind the orifice.



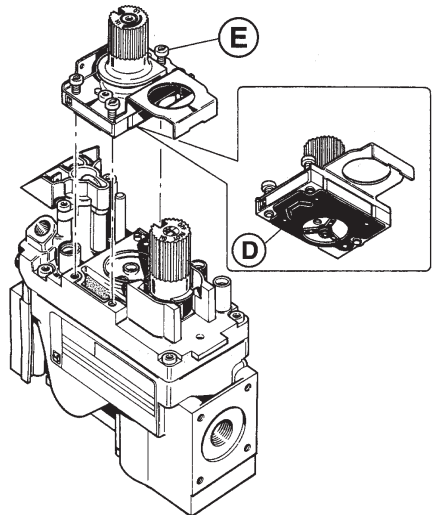
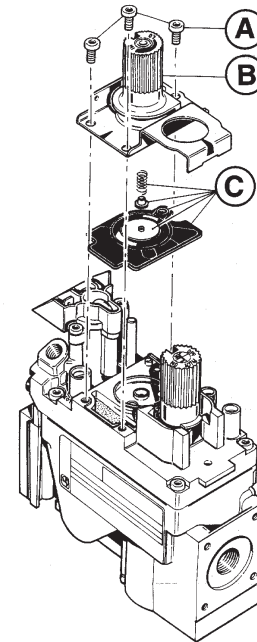
Burner Orifice

- 8) Reinstall new burner orifice LP stamped #50 and tighten.
- 9) Remove and discard the 3 pressure regulator mounting screws (A), pressure regulator tower (B) and diaphragm (C).
- 10) Insure that the rubber gasket (D) is properly positioned and install the new HI/LO pressure regulator assembly to the valve using the new screws (E) supplied with the kit. Tighten screws securely.

- 11) Reverse steps 4) to 1).

- 12) Attach clear label "This unit has been converted to Propane" near or on the serial # decal. Attach white label "This valve has been converted from NG to LPG using SIT conversion Kit Code 0.907.202" onto the valve.

- 13) Replace yellow "Natural Gas" label with red "Propane" label



- 14) Check for gas leaks.

- 15) Check inlet and outlet pressures.

- 16) Check operation of flame control.

- 17) Check for proper flame appearance and glow on logs.

# INSTALLATION

P121/P121LC/P121RC/P131-NG1 System Data	
For 0 to 4500 feet altitude <b>Burner Inlet Orifice Sizes:</b> #31	
<b>Max. Input Rating</b>	40,000 Btu/h
<b>Min. Input Rating</b>	20,500 Btu/h
<b>Supply Pressure</b>	min.5.0" w.c.
<b>Manifold Pressure (High)</b>	3.8"+/- 0.2"w.c.
<b>Log Set:</b> Ceramic fibre, 8 per set. <b>Vent System:</b> Regency Astrocap™, Regency Direct Vent System (Flex) and Simpson Dura-Vent Direct Vent System	

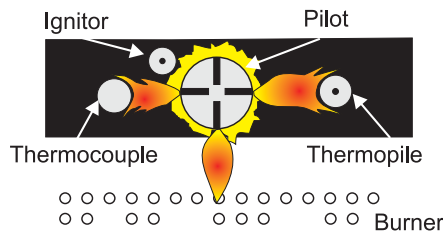
P121/P121LC/P121RC/P131-LP1 System Data	
Conversion Kit# 730-969	
For 0 to 4500 feet altitude <b>Burner Inlet Orifice Sizes:</b> #50	
<b>Max. Input Rating</b>	39,000 Btu/h
<b>Min. Input Rating</b>	20,600 Btu/h
<b>Supply Pressure</b>	min.12.0" w.c.
<b>Manifold Pressure (High)</b>	11"+/- 0.2" w.c.
<b>Log Set:</b> Ceramic fibre, 8 per set. <b>Vent System:</b> Regency Astrocap™, Regency Direct Vent System (Flex) and Simpson Dura-Vent Direct Vent System	

For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

**Important: Always check for gas leaks with a soap and water solution or gas leak detector. Do not use open flame for leak testing.**

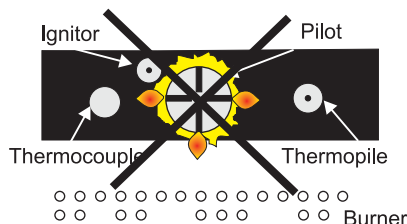
## PILOT ADJUSTMENT



Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile, 1 around the thermocouple and 1 flowing across the burner (it does not have to be touching the burner).

**Note: If you have an incorrect flame pattern, contact your Regency dealer for further instructions.**

Incorrect flame pattern will have small, probably yellow flames, not coming into proper contact with the rear burner or thermopile or thermocouple.



## GAS PIPE PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig. (3.45 kPa). Disconnect piping from valve at pressures over 1/2 psig.

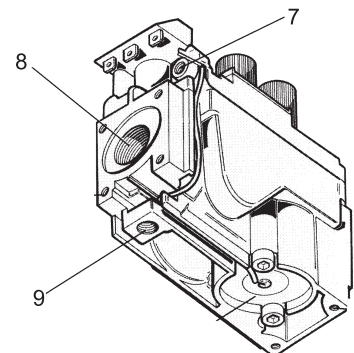
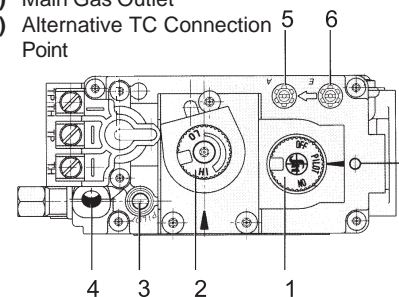
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

**Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.**

- 1) Make sure the valve is in the "OFF" position.
- 2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
- 3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
- 4) Light the pilot and turn the valve to "ON" position.
- 5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
- 6) When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver. **Note: Screw should be snug, but do not over tighten.**

## S.I.T. VALVE DESCRIPTION

- 1) Gas cock knob
- 2) Manual high/low adjustment
- 3) Pilot Adjustment
- 4) Thermocouple Connection - option
- 5) Outlet Pressure Tap
- 6) Inlet Pressure Tap
- 7) Pilot Outlet
- 8) Main Gas Outlet
- 9) Alternative TC Connection Point



## HIGH ELEVATION

This unit is approved in Canada for altitude 0 to 4500 ft. (CAN1 2.17-M91).

## GAS LINE INSTALLATION

The gas line can be brought through either the right, the left side or the bottom of the appliance. The gas valve is situated on the bottom of the unit.

The gas line connection may be made of rigid pipe, copper pipe or an approved flex connector. (If you are using rigid pipe, ensure that the valve can be removed for servicing.) Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation code.

# INSTALLATION

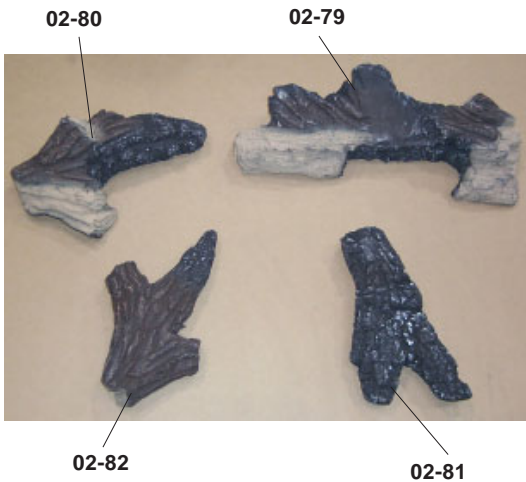
## LOG INSTALLATION

Read the instructions below carefully and refer to the diagrams. If logs are broken do not use the unit until they are replaced. Broken logs can interfere with the pilot operation.

The gas log kit (Part # 360-930) contains the following pieces:

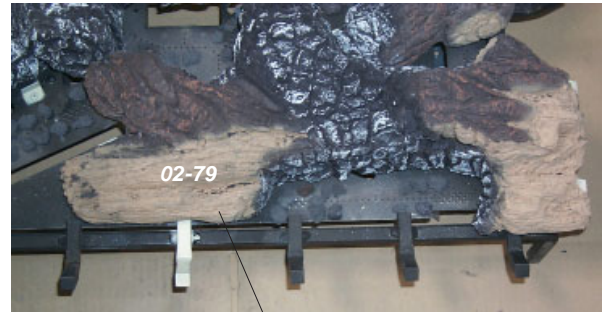
- a) 02-79 Front Right Log 902-326
- b) 02-80 Front Left Log 902-327
- c) 02-81 Middle Right Log 902-328
- d) 02-82 Middle Left Log 902-329
- e) Embers 902-154

Please note that there are 2 of each log. This log set is mirrored front and back.



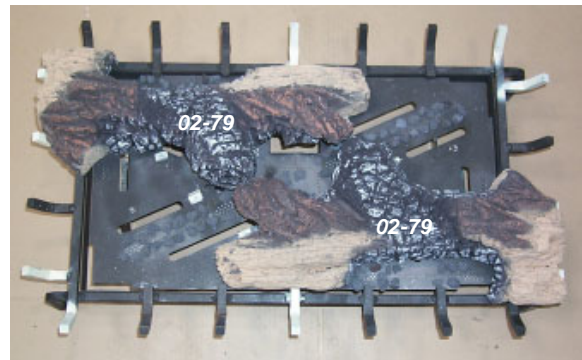
The "02" reference numbers (i.e. 02-79) are molded into the rear of each log.

- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - **do not force into position.**
- 2) Place Log 02-79 on the front right side of the burner. Ensure that the notches on the far right side of the log fit into the grate posts. Push back side of the left end of the log up against the tab on the burner.



Push back side of the left end of the log up against the tab on the burner.

Repeat step 2 on the opposite side of the burner.



The image below shows all of the logs in place.



- 3) Place Log 02-80 on the front left side of the burner. Position the right end of the log in between the two tabs and the left end of the log into the grate post.



Grate Post

Tab on Burner



# INSTALLATION

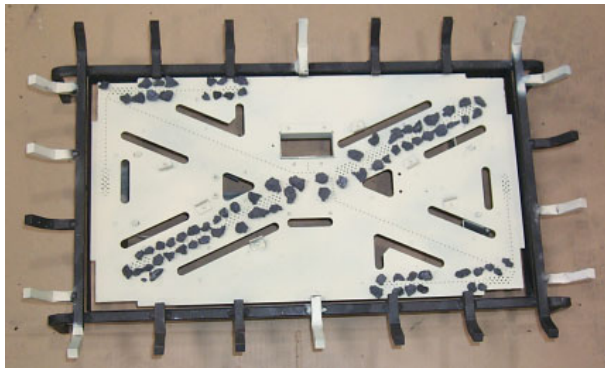
Repeat step 3 on the opposite side of the burner.



Repeat step 5 on the opposite side of the burner.



- 4) Embers should be placed in front of Log 02-79 and Log 02-80 and also down the middle between the logs as shown in the image below.



**Caution: Do NOT cover burner ports.**

- 6) Place Log 02-81 on the middle right side of the burner. Ensure that the log fits over the 2nd grate post from the right.



Grate Post

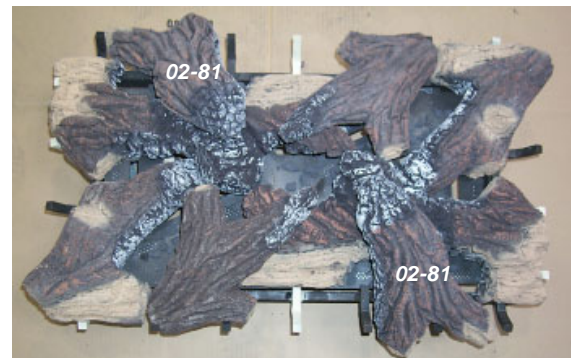
- 5) Place Log 02-82 on the middle left side of the burner. Rest the bottom of the Log onto the second grate post from the left. Ensure that the log fits into a pin that is on Log 02-79.

Repeat step 6 on the opposite side of the burner.



Grate Post

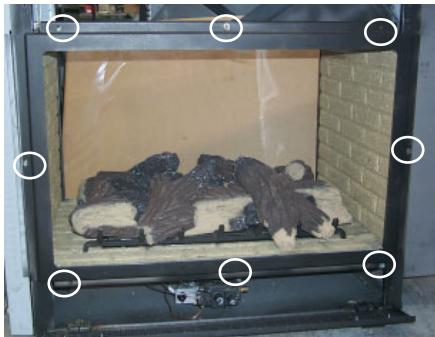
Place Log 02-82 onto pin.



# INSTALLATION

## GLASS DOOR REMOVAL

- 1) Remove the 8 screws that secure the glass door.



- 2) Pull the door slightly out on an angle and then lift up and pull completely out.



- 3) P131 & P121LC/P121RC Corner Model: Remove the 6 screws that secure the glass door and repeat step 2.

## FINISHING TRIM

- 1) Slide the Side Finishing Trim up into the slot in the top flange of the fireplace. Push tight against the magnet at the base of the unit.



*Slide Trim into slot.*



*Push trim tight against magnet.*

- 2) Slide the Corner Finishing Trim up into the slot in the top flange of the fireplace. Push tight against the magnet at the base of the unit.



*Slide Trim into slot.*



*Push trim tight against magnet.*

## LOUVERS & GRILLS

- 1) Attach the screws provided to the top left and right corners.

**NOTE: Do not tighten the screw entirely, ensure that some room is left to be able to hang the grill or louver over the screw.**



- 2) Hang the Top Louver or Grill onto the 2 screws in the top fireplace opening.



- 3) Attach the Bottom Louver or Grill to the hinges on the bottom flange of the fireplace.



### P121-1 & P131-1 Corner Models

- 4) Attach the screws provided to the top and bottom, left and right corners similar to step 1.
- 5) Hang the top and bottom louver or grill onto the screws in the top and bottom, left and right sides of the fireplace opening.



*The Top and Bottom Side Louver or Grill is installed the same way.*

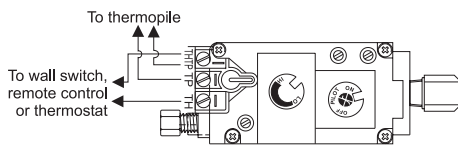
## Option 1: REMOTE CONTROL

Can be used with Option 2 or 3  
but not both.

Use the Regency Remote Control Kit approved for this unit. Use of other systems may void your warranty.

The remote control kit comes with a hand held transmitter, a receiver and a wall mounting plate.

- 1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use the Thermostat Wire Table.
- 2) Connect the two wires to the gas valve. See diagram below.



**CAUTION**  
Do not connect millivolt remote control wires to a 120V wire.

- 3) Install 3 AAA alkaline batteries in transmitter and 4 AA alkaline batteries in the receiver. Install the receiver and its cover in the wall. Switch the remote receiver to "remote" mode. The remote control is now ready for operation.

## Option 2: WALL SWITCH

Can be used with Option 1 or 3  
but not both.

- 1) Run the supplied 15' of wire through the back gas inlet opening. Be careful not to damage wire.

**Note: We recommend a maximum of 15' of wire but if you wish to go with a longer run, use the Thermostat Wire Table.**

- 2) Connect the wire to the supplied wall switch and install into the receptacle box.

**CAUTION**  
Do not connect millivolt wall switch wire to a 120V wire.

## Option 3: WALL THERMOSTAT

Can be used with Option 1 or 2  
but not both.

A wall thermostat may be installed if desired, connect the wires as per the wiring diagram. Use the table below to determine the maximum wire length.

**Note: Preferable if the thermostat is installed on an interior wall.**

Regency offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

**CAUTION**  
Do not connect millivolt wall thermostat wires to a 120V wire.

**Thermostat Wire Table**

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)	
Wire Size	Max. Length
14 GA.	50 Ft.
16 GA.	32 Ft.
18 GA.	20 Ft.
20 GA.	12 Ft.
22 GA.	9 Ft.

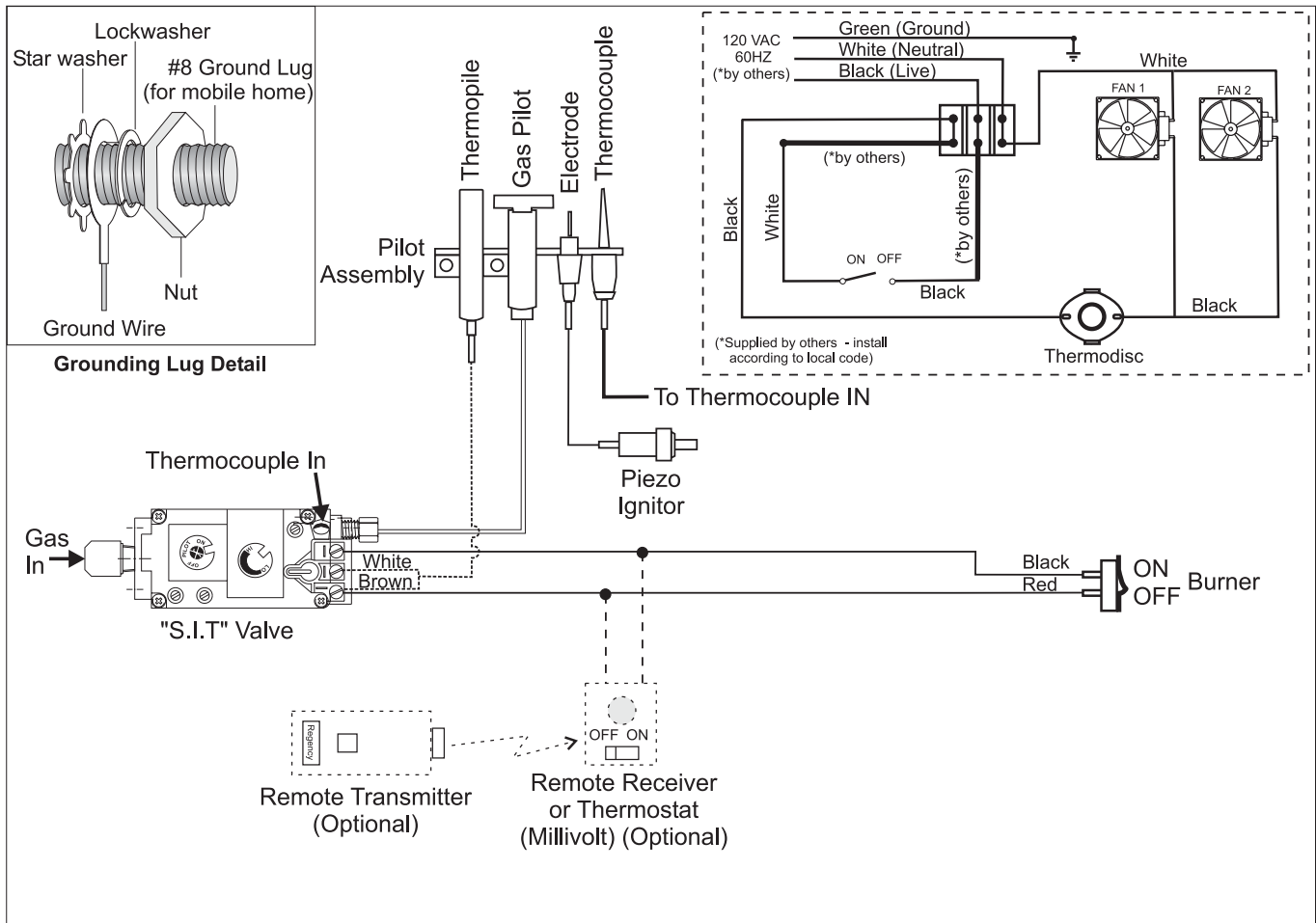
# INSTALLATION

## WIRING DIAGRAM

No electrical power supply is required for the gas control to operate. 120 Volt AC power is needed for the fan switch and blower. The fan can be hard wired if desired. A terminal block is provided on the left hand side of the unit. A

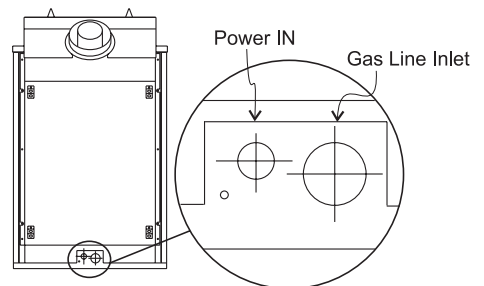
three wire power cord can also be used and plugged into a suitable receptacle.

**(Do not cut the ground terminal off under any circumstances.)**



**Caution:** Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

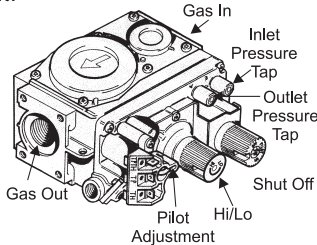
**CAUTION:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.



# OPERATING INSTRUCTIONS

## OPERATING INSTRUCTIONS

- 1) Read and understand these instructions before operating this appliance.
- 2) Check to see that all wiring is correct and enclosed to prevent possible shock.
- 3) Check to ensure there are no gas leaks.
- 4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed.
- 5) Verify that the venting and cap are unobstructed.
- 6) Ensure that the brick panels are installed.
- 7) Verify log placement. If the pilot cannot be seen when lighting the unit, the logs have been incorrectly positioned.
- 8) The unit should never be turned off, and on again without a minimum of a 60 second wait.



## LIGHTING PROCEDURE

**IMPORTANT** Gas cock knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.

- 1) Turn burner OFF using "ON/OFF" switch.
- 2) Turn gas control knob so indicator points to "OFF" position and allow 5 minutes for any gas in the combustion chamber to escape.
- 3) Turn gas control knob counterclockwise so indicator points to the "PILOT" position. Depress the gas control knob fully. Depress the igniter button several times until the pilot lights. After approximately one minute, release the gas control knob. The pilot flame should continue to burn. If the pilot does not remain lit, repeat operation allowing a longer period before releasing gas control knob.
- 4) When the pilot stays lit, turn the gas knob further counterclockwise to the "ON" position.
- 5) Use the wall switch, thermostat or remote control to turn on the unit.

- 6) Rotate the flame height regulator to adjust the flame height higher or lower.

## SHUTDOWN PROCEDURE

- 1) Use the wall switch, thermostat or remote control to turn off the main burner.
- 2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot.

## FIRST FIRE

### DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.

The first fire in your stove is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time before you use it with the fan on.

When first operated, the unit will release an odour caused by the curing of the paint, the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours.

**Note:** When the glass is cold and the appliance is lit, it may cause condensation and fog the glass. This condensation is normal and will disappear in a few minutes as the glass heats up.

**During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned after the unit has cooled down or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.**

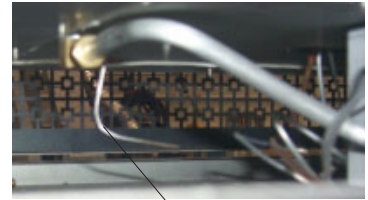
## AERATION ADJUSTMENT

The air shutter can be adjusted by moving the adjusting wire up or down. The wire is accessed through the bottom louver opening. Open the air shutter for a blue flame or close for a yellow flame. The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude.

**Minimum Air Shutter Opening:**  
3/16" Natural Gas  
3/8" Propane

**CAUTION:** Carbon will be produced if air shutter is closed too much.

**Note:** Any damage due to carboning resulting from improperly setting the aeration controls is NOT covered under warranty.



Adjustment Wire - Pull down to open or push up to close aeration cap.

**Closed - Tall yellow  
Open - Short Blue**

**Note:** Aeration Adjustment should only be performed by an authorized Regency Installer at the time of installation or service.

## NORMAL OPERATING SOUNDS OF GAS APPLIANCES

It is possible that you will hear some sounds from your gas appliance. This is perfectly normal due to the fact that there are various gauges and types of steel used within your appliance. Listed below are some examples. All are **normal operating sounds** and should not be considered as defects in your appliance.

### Blower:

Regency gas appliances use high tech blowers to push heated air farther into the room. It is not unusual for the fan to make a "whirring" sound when ON. This sound will increase or decrease in volume depending on the speed setting of your fan speed control.

### Burner Tray:

The burner tray is positioned directly under the burner tube(s) and logs and is made of a different gauge material from the rest of the firebox and body. Therefore, the varying thicknesses of steel will expand and contract at slightly different rates which can cause "ticking" and "cracking" sounds. You should also be aware that as there are temperature changes within the unit these sounds will likely re-occur. Again, this is normal for steel fireboxes.

### Blower Thermodisc:

When this thermally activated switch turns ON it will create a small "clicking" sound. This is the switch contacts closing and is normal.

# OPERATING INSTRUCTIONS

## Pilot Flame:

While the pilot flame is on it can make a very slight "whisper" sound.

## Gas Control Valve:

As the gas control valve turns ON and OFF, a dull clicking sound may be audible, this is normal operation of a gas regulator or valve.

## Unit Body/Firebox:

Different types and thicknesses of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds will be heard throughout the cycling process.

# MAINTENANCE INSTRUCTIONS

- 1) Always turn off the gas valve before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean paint brush as the logs are fragile and easily damaged.
- 2) Clean appliance and door with a damp cloth (never when unit is hot). Never use an abrasive cleaner. The glass should be cleaned with a gas fireplace glass cleaner. **The glass should be cleaned when it starts looking cloudy.**
- 3) The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency uses Stove-Bright Paint - Metallic Black #6309.
- 4) Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call a qualified service person.
- 5) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.

**Note: Never operate the appliance without the glass properly secured in place.**

- 6) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- 7) In the event this appliance has been serviced check that the vent-air system has been properly resealed & reinstalled in accordance with the manufacturer's instructions.
- 8) Verify operation after servicing.

## General Vent Maintenance

Conduct an inspection of the venting system semi-annually. Recommended areas to inspect as follows:

- 1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.

## Copy of the Lighting Plate Instructions

○ **FOR YOUR SAFETY READ BEFORE LIGHTING**

This appliance must be installed in accordance with local codes, if any; if not, follow the current CAN1-B149/ANSI Z 223.1 (Australia: AG601, New Zealand: NZS 5261)

**WARNING:** If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier.

A) This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.

B) **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

**WHAT TO DO IF YOU SMELL GAS**

- Do not try to light any appliance
- Do not touch any electric switch, do not use any phone in your building
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

**CAUTION:** Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

**LIGHTING INSTRUCTIONS**

**STOP!** Read the safety information 4) Push in control knob all the way and above on this label.

- 1) Push in gas control knob slightly and turn clockwise to "OFF". Knob cannot be returned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
- 2) Wait five (5) minutes to clear out any gas. If you then smell gas **STOP!** follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
- 3) Turn knob on gas control counterclockwise to "PILOT".
- 4) Push in control knob all the way and hold in. Continually push and release the black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 1) to 4). If knob does not pop up when released, stop and immediately call your service technician or gas supplier. If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
- 5) Turn gas control knob counterclockwise to "ON".
- 6) Use rocker switch to operate main burner.

PILOT BURNER  
VEILLEUSE

THERMOPILE

ELEMENT  
THERMO-  
ELECTRIQUE

Gas Inlet

**TO TURN OFF GAS APPLIANCE**

- 1) Push in the gas control knob slightly and
- 2) Turn off all electric power to the turn clockwise to "OFF". Do not force. appliance if service is to be performed.

You may shut off the pilot during prolonged non use periods to conserve fuel.

**DO NOT REMOVE THIS INSTRUCTION PLATE 908-017a**

- 2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.
- 3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints, Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.
- 4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers' tape for rigidity.

## LOG REPLACEMENT

The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door and carefully remove the logs. (The pilot light generates enough heat to burn someone.) If for any reason a log should need replacement, you must use the proper replacement log. The position of these logs must be as shown in the diagrams under Log Installation.

**Note: Improper positioning of logs may create carbon build-up and will severely alter the unit's performance which is not covered under warranty.**

## THERMOPILE/ THERMOCOUPLE

- 1) Open the Bottom Louvers or Grills. Remove the Top Louver or Grill.
- 2) Remove the Trim Kit, Glass Door, Log Set, Grate and Burner Assembly (see page 26).
- 3) Disconnect thermocouple by loosening nut from the valve with a 9mm wrench. Disconnect thermopile by loosening 2 screws marked TP on the valve.
- 4) Remove 2 screws from the pilot assembly and pull up far enough to be able to loosen the thermocouple or thermopile with a 7/16" wrench. NOTE: the pilot line is very fragile, use caution when pulling it up.
- 5) Drop the thermocouple or thermopile down through the extrusion and pull it out of the unit.
- 6) Reinstall the new ones in reverse order.

## GLASS GASKET

If the glass gasket requires replacement use a tadpole glass gasket (Part # 936-155).

## DOOR GLASS

Your Regency fireplace is supplied with high temperature 5mm-Tempered glass & 5mm-Ceramic glass. If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. Do not use abrasive materials.

### CAUTION & WARNINGS:

- \* Do not clean when the glass is hot.
- \* The use of substitute glass will void all product warranties.
- \* Care must be taken to avoid breakage of the glass.
- \* Do not strike or abuse the glass.
- \* Do not operate this fireplace without the glass front or with a cracked or broken glass front.
- \* Wear gloves when removing damaged or broken glass.
- \* Replacement of the glass panels should be done by a licensed or qualified service person.

### GLASSREPLACEMENT

In the event that you break your glass by impact, purchase your replacement from an authorized Regency dealer only. Replacement glass is shipped already installed into the door frame. Reinstall as per Glass Door Installation on page 22.

### REPLACEMENTPARTS:

Front Door - Tempered (Part# 360-528)  
Side Door - Tempered (Part# 360-529)  
Front Door - Ceramic (Part# 360-538)  
Side Door - Ceramic (Part# 360-539)

## GOLD-PLATED ACCESSORIES

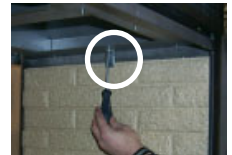
The 24 carat gold-plated finish requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and void the warranty. **Clean any fingerprints off before turning the unit on.**

## REMOVING VALVE

- 1) Shut off the gas supply.
- 2) Remove the louvers and trim kit. Remove the front door.
- 3) Remove the logs, embers.
- 4) Remove the grate by lifting straight up.



- 5) Remove the side brick clip in the top of the firebox and then slide the Side Brick Panel out. **The brick panels are very fragile - handle with care.**



- 6) Remove the burner by removing the 4 screws.



- 7) Slide the burner assembly away from the orifice and lift out.



# MAINTENANCE

- 8) Remove the Side Base Brick Panels and finally the Long Base Brick Panels.

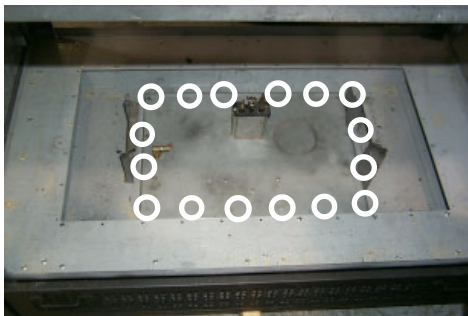


Remove Left & Right Side Base Brick Panels



Remove the 2 Long Base Brick Panels

- 9) Disconnect the inlet gas line.
- 10) Disconnect the 2 TP wires and the 2 TH wires from the valve.
- 11) Remove the 16 Phillips head screws securing the valve tray.



- 12) Lift the entire assembly out.



- 13) Undo the pilot tube from the valve with a 7/16" wrench.
- 14) Undo the quick drop out thermocouple nut on the valve with a 9mm (metric) wrench.
- 15) Remove the Piezo igniter wire and push button assembly.
- 16) Undo the "gas out" flare nut with a 13/16" wrench.
- 17) Undo the "gas out" flare fitting with an 11/16" wrench.
- 18) Remove the 6 Phillips head screws from the sides of the valve bracket and remove valve.

**Hint:** *If you are using black pipe, ensure that there is a union by the valve, otherwise removal will be almost impossible.*

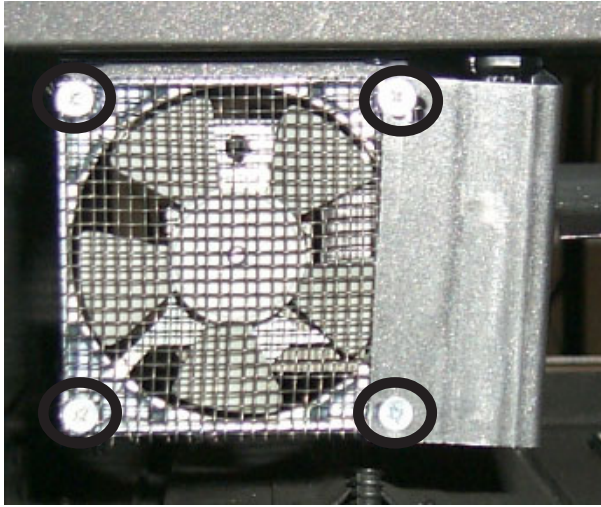
## INSTALLING VALVE

- 1) Attach the valve to the valve bracket with the 6 (m5x8 metric) screws provided.
  - 2) Reconnect the "gas out" flare fitting with an 11/16" wrench.
  - 3) Reconnect the "gas out" flare nut with a 13/16" wrench.
  - 4) Install piezo ignitor push button assembly and reconnect wire.
  - 5) Reconnect the quick drop out thermocouple nut with a 9mm wrench.
  - 6) Reconnect the pilot tube nut with a 7/16" wrench.
  - 7) Scrape off the old gasket from the floor of the firebox and from the valve tray assembly.
  - 8) Install a new gasket and reinstall the valve tray assembly.
- Note:** Failure to install a new gasket may severely affect the appliance performance.
- 9) Reinstall the 16 hold down screws.
  - 10) Hook up the 2 TP and 2 TH wires to the appropriate connections on the valve.
  - 11) Reinstall the Burner Assembly.
  - 13) Hook up the gas line and check for gas leaks with a soap and water solution or a gas leak detector. (Do not use open flame for leak testing.)
  - 14) Fire up the unit temporarily
  - 15) Check the manifold pressure.
  - 16) Reinstall the logs, grate and brick panels as needed.
  - 17) Reinstall the glass doors.
  - 18) Fire up the unit again and check for proper flame appearance.



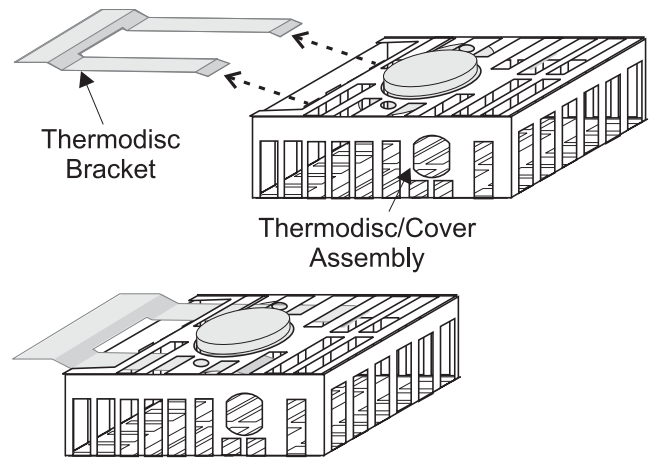
## FAN REPLACEMENT

- 1) Shut off power.
- 2) Remove top louvers.
- 3) Unplug power wires.
- 4) Remove 4 screws securing fan to mounting bracket.

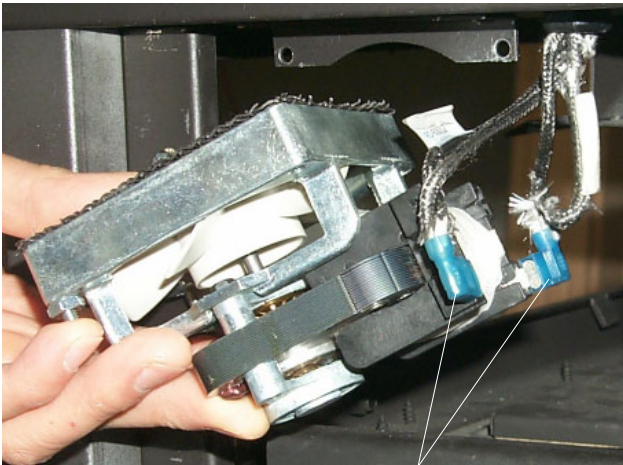


- 6) Replace fan.
- 7) Repeat for opposite side/corner.
- 8) Reverse steps 1 - 5 for installation.

9) To remove the thermodisc, located at the back center of the unit, slide the thermodisc/cover assembly away from the bracket clip on the under side of the firebox. Reverse for installation. Ensure that no wires will touch hot surfaces.



- 5) Remove 2 connector wires.

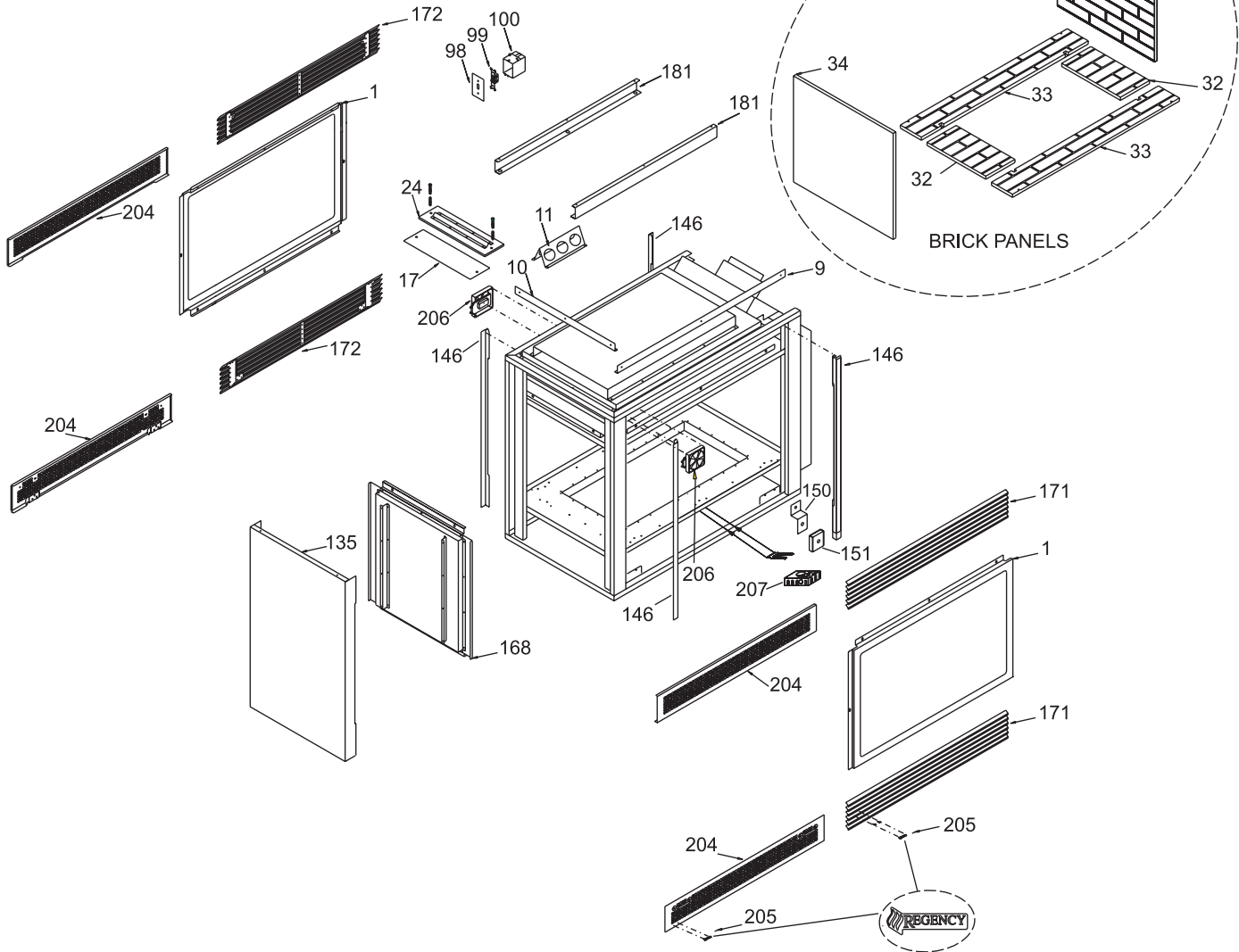


Connector wires

# PARTS LIST

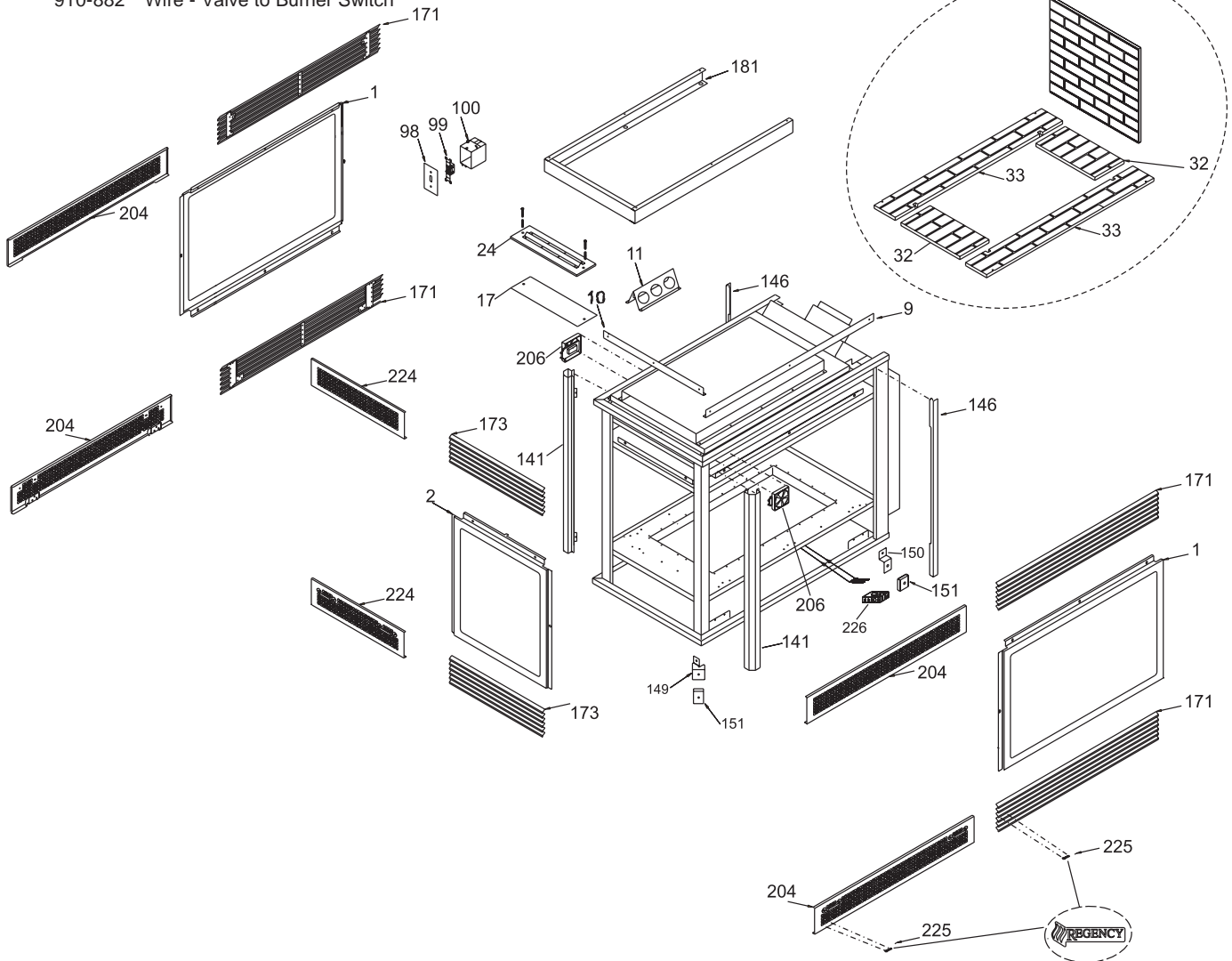
## P121-1 (SEE THRU) MAIN ASSEMBLY

Part #	Description	Part #	Description	Part #	Description
1)	360-528 Door Assy Front - Tempered 360-538 Door Assy Front - Ceramic (Optional)	135)	360-069 Heat Shield - Side	360-926	Louver Front - Black/Brass (set)
		146)	360-033 Left Side Door Trim 360-034 Right Side Door Trim	181) *	Extension Trim - See Thru
2)	360-529 Door Assy Side - Tempered 360-539 Door Assy Side - Ceramic (Optional)	150)	360-123 Magnet Bracket - Front	204)	360-940 Dec. Grill Front - Black (set)
		151)	904-258 Magnet	205)	948-216 Regency Logo Plate
		168)	360-068 Door Cover Assembly - Side	206)	910-171 Fan Axial 115V
9)	360-046 Nailing Strip - Top - Front	171)	360-920 Louver Front - Black (set)	207)	910-142 Thermodisc
10)	360-047 Nailing Strip - Top - Side		360-922 Louver Front - Black/Gold (set)		918-107a Manual
11)	430-001 Standoff - Top		360-924 Louver Front - Black/Steel (set)		
17)	360-086 Gasket - Relief Door				
24)	*				*Not available as a replacement part.
32)	902-296 Brick Panel - Base - Front				
33)	902-297 Brick Panel - Base - Side				
34)	902-298 Brick Panel - Side				
98)	910-366 Switch Cover Plate				
99)	910-363 Wall Switch				
100)	910-367 Switch Receptacle Plastic Box				
	910-882 Wire - Valve to Burner Switch				



## P131-1 (PIER) MAIN ASSEMBLY

Part #	Description	Part #	Description	Part #	Description
1) 360-528	Door Assy Front - Tempered	141) 360-031	Column Finishing Trim	181) *	Extension Trim - Pier
360-946	Door Assy Front - Ceramic (Optional)	146) 360-035	Finishing Trim	204) 360-940	Dec. Grill Front - Black (set)
2) 360-529	Door Assy Side - Tempered	149) 360-122	Magnet Bracket - Corner	206) 910-171	Fan Axial 115V
360-948	Door Assy Side- Ceramic (Optional)	150) 360-123	Magnet Bracket - Front	224) 360-942	Dec. Grill Side - Black (set)
9) 360-046	Nailing Strip - Top - Front	171) 360-920	Louver Front - Black (set)	225) 948-216	Regency Logo Plate
10) 360-047	Nailing Strip - Top - Side	360-922	Louver Front - Black/Gold (set)	226) 910-412	Thermodisc
11) 430-001	Standoff - Top	360-924	Louver Front - Black/Steel (set)	918-107a	Manual
17) 360-086	Gasket - Relief Door	360-926	Louver Front - Black/Brass (set)	*Not available as a replacement part.	
24) *	Relief Door Assembly	173) 360-932	Louver Side - Black (set)		
32) 902-296	Brick Panel - Base - Side	360-934	Louver Side - Black/Gold (set)		
33) 902-297	Brick Panel - Base - Front	360-936	Louver Side - Black/Steel (set)		
34) 902-298	Brick Panel - Side	360-938	Louver Side - Black/Brass (set)		
98) 910-366	Switch Cover Plate				
99) 910-363	Wall Switch				
100) 910-367	Switch Receptacle Plastic Box				
910-882	Wire - Valve to Burner Switch				

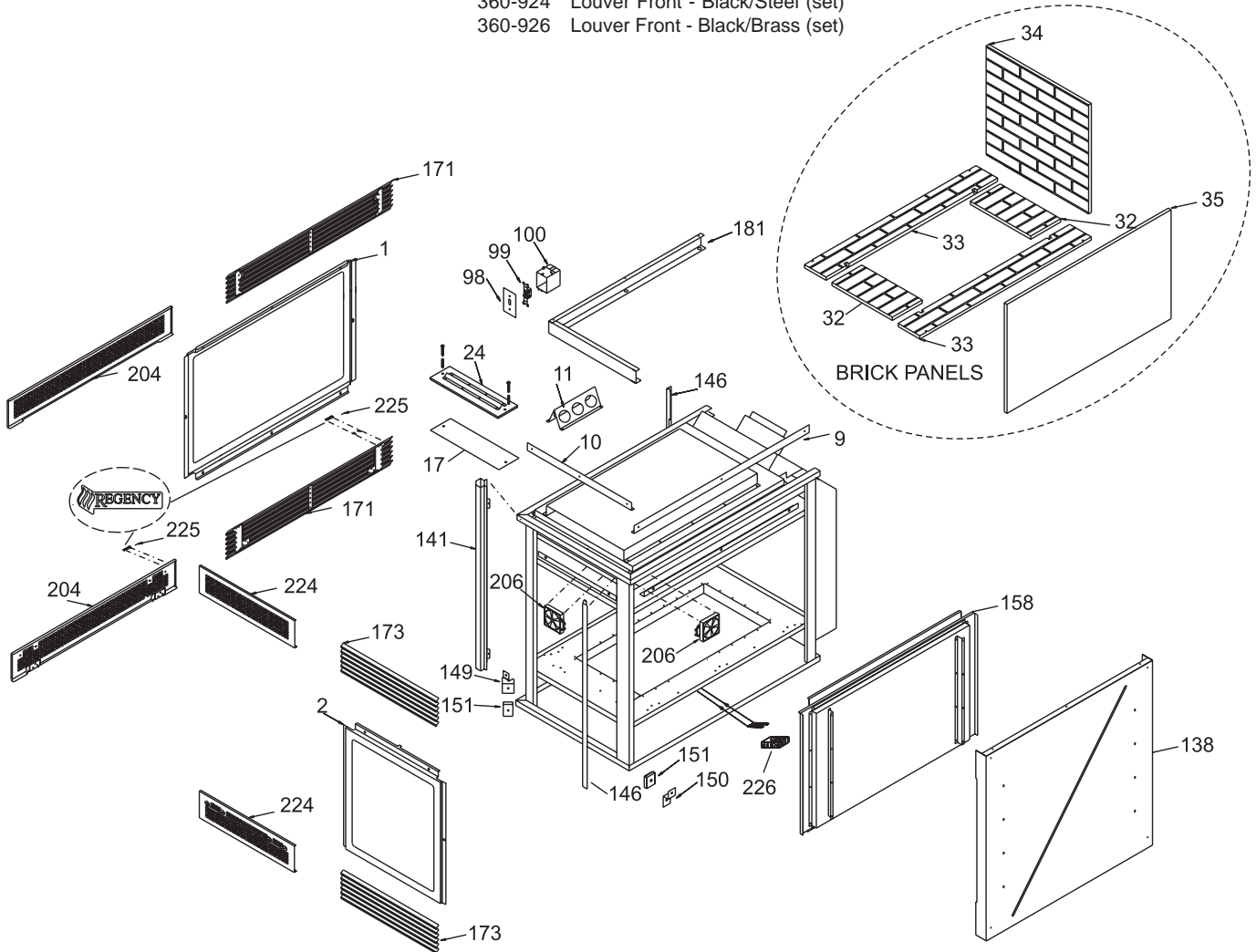


# PARTS LIST

## P121RC-1 (RIGHT CORNER) MAIN ASSEMBLY

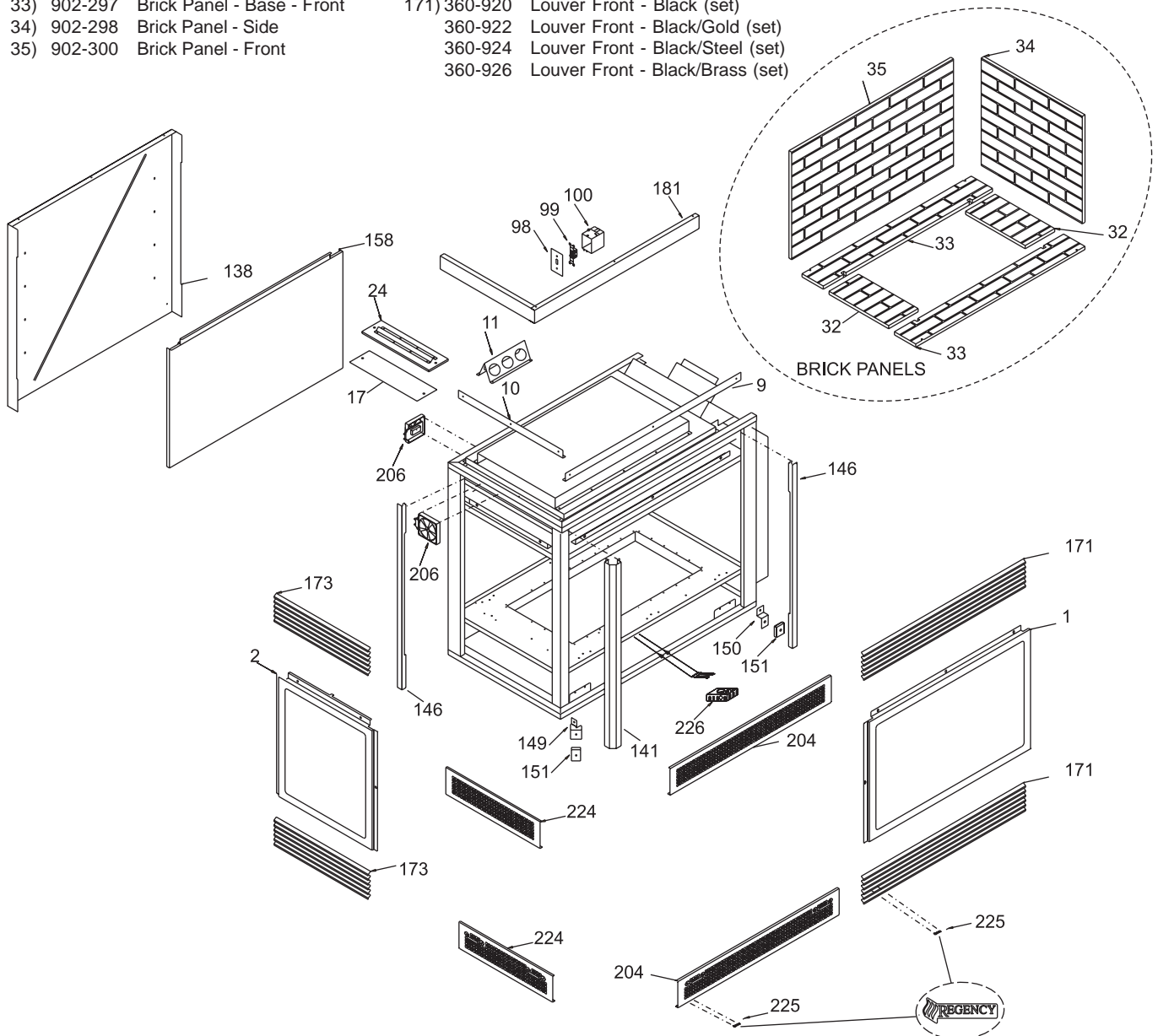
Part #	Description	Part #	Description	Part #	Description
1) 360-528	Door Assy Front - Tempered	35) 902-300	Brick Panel - Front	173) 360-932	Louver Side - Black (set)
360-538	Door Assy Front - Ceramic (Optional)	98) 910-366	Switch Cover Plate	360-934	Louver Side - Black/Gold (set)
2) 360-529	Door Assy Side - Tempered	99) 910-363	Wall Switch	360-936	Louver Side - Black/Steel (set)
360-539	Door Assy Side - Ceramic (Optional)	100) 910-367	Switch Receptacle Plastic Box	360-938	Louver Side - Black/Brass (set)
9) 360-046	Nailing Strip - Top - Front	910-882	Wire - Valve to Burner Switch	181) *	Extension Trim
10) 360-047	Nailing Strip - Top - Side	138) 360-063	Heat Shield - Front	204) 360-940	Dec. Grill Front - Black (set)
11) 430-001	Standoff - Top	141) 360-031	Column Finishing Trim	206) 910-171	Fan Axial 115V
780-013	Standoff - Rear	146) 360-035	Finishing Trim - Left Side	224) 360-942	Dec. Grill Side - Black (set)
17) 360-086	Gasket - Relief Door	149) 360-122	Magnet Bracket - Corner	225) 948-216	Regency Logo Plate
24) *	Relief Door Assembly	150) 360-123	Magnet Bracket - Front	226) 910-142	Thermodisc
32) 902-296	Brick Panel - Base - Side	151) 904-258	Magnet	918-107a	Manual
33) 902-297	Brick Panel - Base - Front	158) 360-060	Door Cover Assembly-Front		
34) 902-298	Brick Panel - Side	171) 360-920	Louver Front - Black (set)		
		360-922	Louver Front - Black/Gold (set)		
		360-924	Louver Front - Black/Steel (set)		
		360-926	Louver Front - Black/Brass (set)		

\*Not available as a replacement part.



## P121LC-1 (LEFT CORNER) MAIN ASSEMBLY

Part #	Description	Part #	Description	Part #	Description
1)	360-528 Door Assy Front - Tempered 360-538 Door Assy Front - Ceramic (Optional)	98)	910-366 Switch Cover Plate	173)	360-932 Louver Side - Black (set)
		99)	910-363 Wall Switch		360-934 Louver Side - Black/Gold (set)
		100)	910-367 Switch Receptacle Plastic Box		360-936 Louver Side - Black/Steel (set)
			910-882 Wire - Valve to Burner Switch		360-938 Louver Side - Black/Brass (set)
2)	360-529 Door Assy Side - Tempered 360-539 Door Assy Side - Ceramic (Optional)	138)	360-069 Heat Shield - Front	204)	360-940 Dec. Grill Front - Black (set)
		141)	360-031 Column Finishing Trim	206)	910-171 Fan Axial 115V
		146)	360-035 Finishing Trim	224)	360-942 Dec. Grill Side - Black (set)
9)	360-046 Nailing Strip - Top - Front	149)	360-122 Magnet Bracket - Corner	225)	948-216 Regency Logo Plate
10)	360-047 Nailing Strip - Top - Side	150)	360-123 Magnet Bracket - Front	226)	910-142 Thermodisc
11)	430-001 Standoff - Top	151)	904-258 Magnet		918-107a Manual
17)	360-086 Gasket - Relief Door				
24)	* Relief Door Assembly	158)	360-062 Door Cover Assembly-Front		*Not available as a replacement part.
32)	902-296 Brick Panel - Base - Side	171)	360-920 Louver Front - Black (set)		
33)	902-297 Brick Panel - Base - Front		360-922 Louver Front - Black/Gold (set)		
34)	902-298 Brick Panel - Side		360-924 Louver Front - Black/Steel (set)		
35)	902-300 Brick Panel - Front		360-926 Louver Front - Black/Brass (set)		

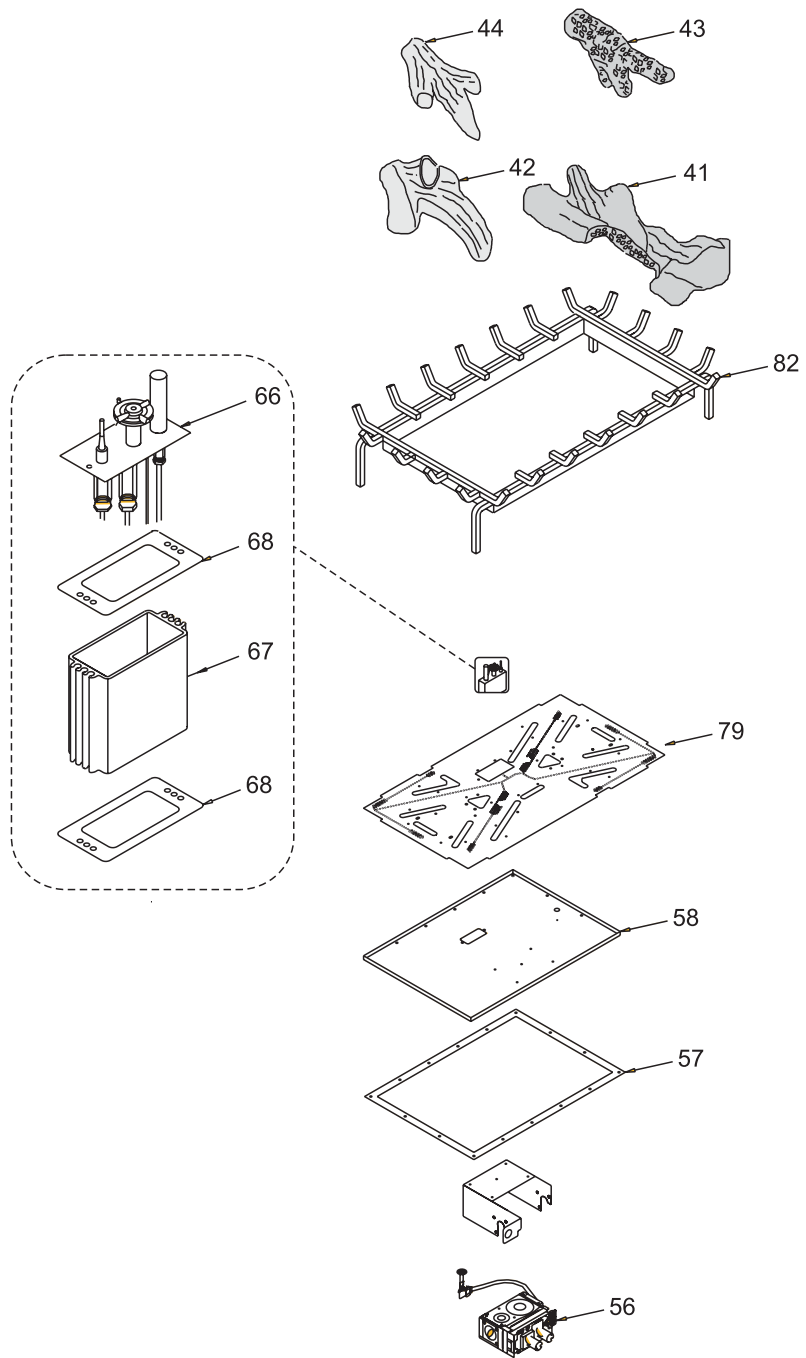


# PARTS LIST

## P121/P121LC/P121RC/P131-1 BURNER ASSEMBLY & LOG SET

Part #	Description
360-930	Log Set
41) 904-326	Front Right Log
42) 904-327	Front Left Log
43) 904-328	Middle Left Log
44) 904-329	Middle Right Log
360-574/P	Valve Assembly
56) 360-378/P	Valve S.I.T. - NG
57) 360-090	Gasket - Valve Tray
58) *	Valve Tray
66) 910-038	Pilot Assembly - NG
67) *	Pilot Holder
68) W840470	Pilot Assembly Gasket
69) 910-190	Piezo Ignitor and Nut
79) 360-525	Burner Assembly
82) 360-027	Grate Assembly
904-690	Orifice #31 - NG
936-170	Orifice Gasket

\*Not available as a replacement part.





Regency Fireplace Products, are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our door. Regency Industries Ltd. is pleased to extend this limited lifetime warranty to the original purchaser of a Regency Product.

**The Warranty:** Lifetime

Covered under the agreement are the following components: Combustion chamber, heat exchanger, burner tubes, logs, embers, glass (thermal breakage) and all gold plating (against defective manufacture).

The above will be covered for parts and labour for the first five years and parts only thereafter. Electrical components such as blowers, fan motor, switches, wiring, thermodiscs, remote control, thermopiles, thermocouples, pilot assemblies, and gas valves are covered for one year from the date of purchase.

**Conditions:**

All installations must be performed by a qualified gas fitter and installed according to all applicable local and national codes. Also, all service work must be carried out by a qualified gas service person who is recommended by the selling dealer. It is the responsibility of the installer to ensure that the appliance is firing as per rating plate. Any part or parts of this unit which in our judgement show evidence of such defect will be repaired or replaced at Regency's option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent **Transportation Prepaid**, if requested.

**Exclusions:**

This limited Lifetime Warranty does not extend to or include paint, door or glass gasketing or trim. It does not cover installation and operational related problems such as over-firing, downdrafts or spillage caused by environmental conditions, nearby trees, buildings, hilltops, mountains, inadequate venting or ventilation, excessive offsets, negative air pressures caused by insufficient make up air, mechanical systems such as furnaces, fans, clothes dryers etc.

The warranty does not extend to any part or parts which show evidence of misuse or abuse, neglect, accident or lack of maintenance.

Products made by other manufacturers and used in conjunction with the operation of this appliance without authorization from Regency, may nullify your warranty on this product.

Regency Industries Ltd., shall in no event be liable for any special, indirect consequential damages of any nature whatsoever which are in excess of the original purchase price of the product. Any alteration to the unit which causes sooting or carboning that results in damage to the exterior facia is not the responsibility of Regency Industries Ltd.

Note: Warranty is not transferable.

**Vent Components:**

The venting components are under warranty from Simpson Dura-Vent Inc.

**General:**

It is essential that all submitted claims provide all of the necessary information including purchase date, serial #, type of unit and part or parts requested.



Regency fireplace products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our door.

Fireplace Products International Ltd. is pleased to extend this Limited Lifetime Warranty to the original purchaser of a Regency Product.

See the inside back cover for details.

Register your Regency online at  
<http://www.regency-fire.com>

*Installer: Please complete the following information*

Dealer Name & Address: \_\_\_\_\_  
\_\_\_\_\_

Installer: \_\_\_\_\_

Phone #: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Serial No.: \_\_\_\_\_